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ABSTRACT

This study analyzed data from the Scholastic Aptitude Test (SAT) taken by high school seniors between 1975 and 1986. Its purpose was to study trends in the numbers, test scores, and other characteristics of examinees planning to major in mathematics, science, and engineering, and to compare these data with comparable data from examinees planning to major in other areas. The major findings included: (1) the number of examinees planning to major in mathematics, science, and engineering increased until 1983 and has since declined; (2) examinees planning to major in mathematics, science, and engineering in 1986 obtained SAT Verbal scores averaging 19 points higher than the average for all examinees, although the means varied greatly depending upon the specific major field choice; (3) the average SAT Mathematics scores of examinees planning to major in mathematics, science, and engineering in 1986 were 38 points higher than the average for all test takers; (4) examinees intending to study pre-medicine, classics, comparative literature, philosophy, classical languages, Chinese, Latin, Russian, education of the gifted and talented, and mathematics education had higher means than those interested in mathematics, science, and engineering; (5) the Verbal and Mathematics scores of examinees interested in computer science have declined 26 and 40 points respectively in the last ten years; (6) there are still more males than females interested in mathematics, science, and engineering; (7) women planning to major in electrical, mechanical, and civil engineering have higher average SAT Mathematics scores than the men interested in these fields; and (8) mean SAT Mathematics scores of blacks planning to major in mathematics, science, and engineering have risen considerably over the past decade, especially among those planning to major in mathematics or statistics. (TW)

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RESEARCH REPORT

TEN-YEAR TRENDS IN SAT SCORES AND OTHER CHARACTERISTICS OF HIGH SCHOOL SENIORS TAKING THE SAT AND PLANNING TO STUDY MATHEMATICS, SCIENCE, OR ENGINEERING

Jerilee Grandy

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Ten-Year Trends in SAT Scores and Other Characteristics of High School Seniors Taking the SAT and Planning to Study Mathematics, Science, or Engineering

Jerilee Grandy
Educational Testing Service

October 1987

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SUMMARY

This study analyzed data from the Scholastic Aptitude Test (SAT) taken by high school seniors between 1975 and 1986. Its purpose was to study trends in the numbers, test scores, and other characteristics of examinees planning to major in math, science, and engineering, and to compare these data with comparable data from examinees planning to major in other areas.

The major findings were as follows:

1. The number of examinees planning to major in math, science, and engineering increased until 1983 and has since declined. Aerospace and electrical engineering as well as international relations showed steadily increasing interest, while interest in majoring in computer science declined 49 percent in the past three years.

2. Examinees planning to major in math, science, and engineering in 1986 obtained SAT Verbal scores averaging 19 points higher than the average for all examinees, although the means varied greatly depending upon the specific major field choice.

3. The average SAT Mathematics scores of examinees planning to major in math, science, and engineering in 1986 were 38 points higher than the average for all test takers. There is considerable variation in the math aptitudes of examinees planning to study math, science, and engineering. The highest means have been obtained consistently by those planning to major in physics. Those planning to major in agriculture, child psychology, general psychology, social psychology, sociology, law enforcement, and miscellaneous social sciences all have had averages consistently below the mean for all examinees.

4. Examinees intending to study pre-medicine, classics, comparative literature, philosophy, classical languages, Chinese, Latin, Russian, education of the gifted and talented, and mathematics education had higher means than those interested in math, science, and engineering.

5. The Verbal and Math scores of examinees interested in computer science have declined 26 and 40 points respectively in the last ten years.

6. There are still more males than females interested in math, science, and engineering, and the women do not seem to be catching up with the men in terms of majoring in these fields.

7. Women planning to major in electrical, mechanical, and civil engineering have higher average SAT Math scores than the men interested in these fields.

8. Mean SAT Math scores of blacks planning to major in math, science, and engineering have risen considerably over the past decade, especially among those planning to major in mathematics or statistics.

BACKGROUND

High school seniors who take the Scholastic Aptitude Test (SAT) compose a large population, many of whom become college freshmen shortly thereafter. While not all college students have taken the SAT and not all SAT takers become college students, there is sufficient overlap between SAT examinees and the college-going population to warrant serious study of the approximately one million high school seniors who take the SAT each year.

One advantage to studying the population of SAT examinees is that about 90 percent complete a background questionnaire entitled the Student Descriptive Questionnaire (SDQ) in which they specify the major field in which they intend to major. This information enables the researcher to follow trends in numbers of students planning to major in specific fields as well as trends in their test scores and other background data.

While there is no guarantee that examinees will actually major in the fields they specify, the choices they make when they take the SAT provide an indication of their interests at that time and reflect the decisions they have made thus far regarding their educational futures.

PURPOSE

The purpose of the present study was to answer the following kinds of questions:

1. How have examinees' interests in majoring in math, science, and engineering changed over the past ten years?

2. Which areas of math, science, and engineering have increased in popularity and which have declined?

3. How have test scores and other characteristics of examinees planning to major in math, science, and engineering changed over the past

decade?

4. How do examinees planning to major in math, science, and engineering compare with examinees planning to major in various other fields?

5. How do males and females differ in their interest in majoring in math, science, and engineering, and have these differences changed over the past decade?

6. How do males and females planning to major in math, science, and engineering differ in their test scores and other characteristics, and have these differences changed over the past decade?

7. How have blacks changed over the past decade in their interest in majoring in math, science, and engineering and in their test scores and background characteristics?

METHOD

The analyses included data on all high school seniors who took the SAT from 1975 to 1986, excluding 1976.

Major Field Definitions

When examinees register to take the SAT, 90 percent of them fill out the SDQ which asks, among other things, in what field they intend to major. In 1976 and again in 1986, the College Board revised the SDQ and changed many of the major fields. An unsuccessful attempt in 1976 to translate the major field codes so that those prior to that year would be comparable to those in subsequent years resulted in the major field codes for 1976 being deleted from the files. By 1977, a reasonable translation was made, but it is still clear that between 1975 and 1977, the definitions of many major fields changed enough to make trend analyses based on those fields meaningless. In 1986, the College Board again revised the major fields, adding many new ones and rewording old ones. Appendices A and B show the two

versions of the SDQ, one for 1977 to 1985, and the other for 1986. The major field codes are listed at the end of each SDQ. A major task in this project was to make the two versions of major field categories comparable and to map them on to the fields recognized by the National Science Foundation (NSF).

The major fields defining math, science, and engineering for this study were consistent with those published by NSF (1983) in their Survey of Graduate Science and Engineering Students and Postdoctorates. The analyses broke down math, science, and engineering into ten different fields, with some of these being further divided into more detailed subfields as follows:

1. Mathematics and Statistics
2. Computer Science
3. Physical Sciences
    a. Astronomy
    b. Chemistry
    c. Physics
4. Architecture and Environmental Engineering
5. Engineering
    a. Aerospace Engineering
    b. Electrical Engineering
    c. Chemical Engineering
    d. Mechanical Engineering
    e. Civil Engineering
    f. Other Engineering
6. Life Sciences
    a. Agriculture
    b. Biological Sciences
7. Earth and Environmental Sciences
8. Psychology
    a. Child Psychology
    b. General Psychology
    c. Social Psychology

9. Social Sciences

    a. Economics
    b. International Relations
    c. Law Enforcement
    d. Political Science
    e. Sociology
    f. Other Social Sciences

10. Interdisciplinary and Other Sciences

The non-science categories consisted generally of major fields attracting more than 3,000 examinees. Very small fields, such as philosophy, were grouped with similar small fields composing larger categories, such as "humanities." This study used the following non-science categories:

1. Pre-medicine
2. Other health fields
3. Prelaw
4. Humanities
5. History and culture
6. Foreign languages
7. Studio and performing arts
8. Communications
9. Business
10. Education
11. Vocational Fields
12. Other/missing/undecided

The reader may wish to combine the data for foreign languages with humanities and possibly the data from history and culture as well. It was not practical to break down each category into all of its constituents, even though the results might have been of interest to specialists in those areas.

The last category contained primarily those who did not respond to the question on major field preference and those who marked "undecided." There were a minute number of "other" major fields not included in the first eleven categories.

Appendix C defines the correspondence between major fields listed in

the SDQ and the major field categories as they appear in the tables for math, science, and engineering. Appendix D shows the correspondence for non-science major fields.

Variables Analyzed

This study reports trends from 1975 to 1986 in seven different variables as well as standard deviations for SAT scores. The variables are as follows:

1. Number selecting each major field;
2. Percentage selecting each major field;
3. Mean and standard deviation of SAT Verbal score;
4. Mean and standard deviation SAT Mathematics score;
5. Mean self-reported high school grade in mathematics;
6. Mean self-reported rank in high school class;
7. Percentage who intend eventually to receive a graduate degree.

Analyses included trends in all of these variables for white males, white females, black males, black females, "other" students, and all examinees combined. Analyses of the smaller ethnic groups would have produced unstable results because the numbers were so small. The "other" group simply contained all examinees who answered the major field question but were either members of a smaller ethnic group or did not respond to the ethnic identity question. As a group, their data are not especially meaningful, but they are included so that the totals for all examinees "add up."

In summary, the reader should note the following limitations in the data:

1. Data were not available for 1976.

2. Data for 1975 were not always comparable to subsequent data because of difficulties in translating major field categories.

3. Data for 1986 were not always comparable to previous data because

of redefinitions of major field categories.

4. The designation "other students" refers to all students who either omitted the questions on sex or race, or those who were not white or black.

5. The grade in math was not available for 1986.

RESULTS

The Tables section of this report contains the details of all findings. Because some of the data for 1975 may not be comparable to subsequent data, and because data for 1976 are not available, the discussion below will focus on trends over the past decade: from 1977 to 1986.

Results based on all examinees

Numbers selecting math, science, and engineering

The number and percentage of examinees planning to major in math, science, and engineering was lowest in 1977; it then rose to a maximum in 1983 and has since declined to what it was in 1981. The individual areas dominating that pattern were computer science and engineering. Other areas showed a rise followed by a decline, but the peak occurred earlier. These fields were physical sciences, architecture and environmental design, and earth and environmental sciences. Math/statistics and life sciences steadily declined, though the life sciences rose slightly in 1986. The trends for psychology and the social sciences were not clear.

Examining the individual science fields in closer detail, we find that among the physical sciences, chemistry attracted over 4,700 examinees in 1978, but the numbers decreased to just under 3,600 by 1986. Physics and astronomy both peaked in 1980 and declined thereafter. The apparent rise in astronomy and decline in physics in 1986 may be attributed to examinees who indicated that they were planning to major in astrophysics, which this study grouped with astronomy. Prior to 1986, astrophysics was not an

option on the SDQ, and apparently most examinees regarded it as physics.

Among the engineering fields, aerospace and electrical have both shown **fairly steady increases** in selection as major fields. Chemical, mechanical, civil, and "other" engineering fields all showed increases followed by declines. In 1986, computer engineering was added as a new field on the SDQ, and this study included it under "other" engineering. A slight decline in the number selecting electrical engineering in 1986 may be attributed to these examinees.

It is worthwhile to make a special note about examinees interested in computer science. **Regardless of where prospective computer scientists and engineers identify themselves--whether in computer science, computer engineering, electrical engineering, or mathematics--their numbers have decreased considerably over the past few years. The greatest decrease was in the category labeled "computer science," which declined 49 percent in only three years.** Electrical engineering rose until 1985 and then dropped only slightly. "Other" engineering showed a decline from 1982 to 1985, then an increase in 1986, but because of the redesign of the SDQ, it is unknown how much of the increase can be accounted for by those interested in computers. The actual figure for 1986 was 6,296 examinees selecting computer engineering. We cannot know how many examinees, prior to 1986, marked "other" engineering when they had computer engineering in mind.

Within the life sciences, there was a **44 percent decrease in interest in majoring in agriculture** over the last decade. Interest in the **biological sciences declined by about 10 percent.**

While it appears that there may have been an overall increase in interest in psychology, the trend was quite erratic with social and child psychology ending rather low in 1986, and general psychology (which includes experimental and clinical in very small numbers) ending higher than

in the past.

Interest in majoring in international relations increased steadily, with numbers almost tripling over the past decade. No other major field area within the sciences or engineering showed such an unequivocal rise. The remaining social sciences showed an erratic trend. The numbers interested in majoring in economics rose until 1981, declined until 1983, and then rose again. Interest in law enforcement decreased to a minimum in 1982 then more than doubled by 1986. Neither political science nor sociology showed any particular pattern.

Test scores of examinees planning to major in math, science, and engineering

The mean SAT Verbal scores of all math, science, and engineering students declined until 1983, rose slightly in the next two years, and declined by one point in 1986. Many individual fields showed increases in 1986, namely, math/statistics, all of the physical sciences, mechanical engineering, earth and environmental sciences, child psychology, social psychology, economics, international relations, political science, and the interdisciplinary and "other" sciences. The scores declined steadily, however, for those planning to major in computer science.

The 1986 Verbal score average for all examinees planning to major in math, science, and engineering was 450. Among all examinees who took the SAT that year, the mean was only 431. Thus, **examinees planning to major in math, science, and engineering obtained average Verbal scores 19 points higher than the average for all examinees.** That year, the range in the means among examinees planning to major in different areas of math, science, and engineering was 177 points, which is about one and one half standard deviations. This suggests that the population who plan to study

math, science, and engineering are quite heterogeneous with respect to verbal ability. Those planning to major in law enforcement obtained the lowest mean score, namely, 381; those interested in physics obtained the highest mean, namely, 558.

The trends in SAT Math scores are very similar to the trends in Verbal scores. The decline in Math scores ended in 1979, and scores began rising by 1982. For examinees planning to major in math, science, and engineering, the average score reached a low of 507 then rose to 514 by 1985. In 1986, the average was 513.

The means varied considerably among the specific science areas, ranging from only 408 for law enforcement to 641 for physics in 1986. **In fact, the highest Math scores have always been obtained by those planning to major in physics.** The lowest scores have been earned by those planning to study law enforcement; second lowest have been child psychology and sociology. It is not surprising that the science fields demanding the greatest quantitative skills attract examinees with the highest Math scores, so it is important to realize that not all students interested in the sciences are mathematically inclined. **The population planning to study math, science, and engineering is heterogeneous with respect to mathematical as well as verbal aptitude.**

Figure 1 shows trends in SAT Math score averages over the past decade for examinees planning to major in the four most quantitative areas: physical sciences, mathematics and statistics, engineering, and computer science. The lowest curve shows the trend for all SAT-takers.

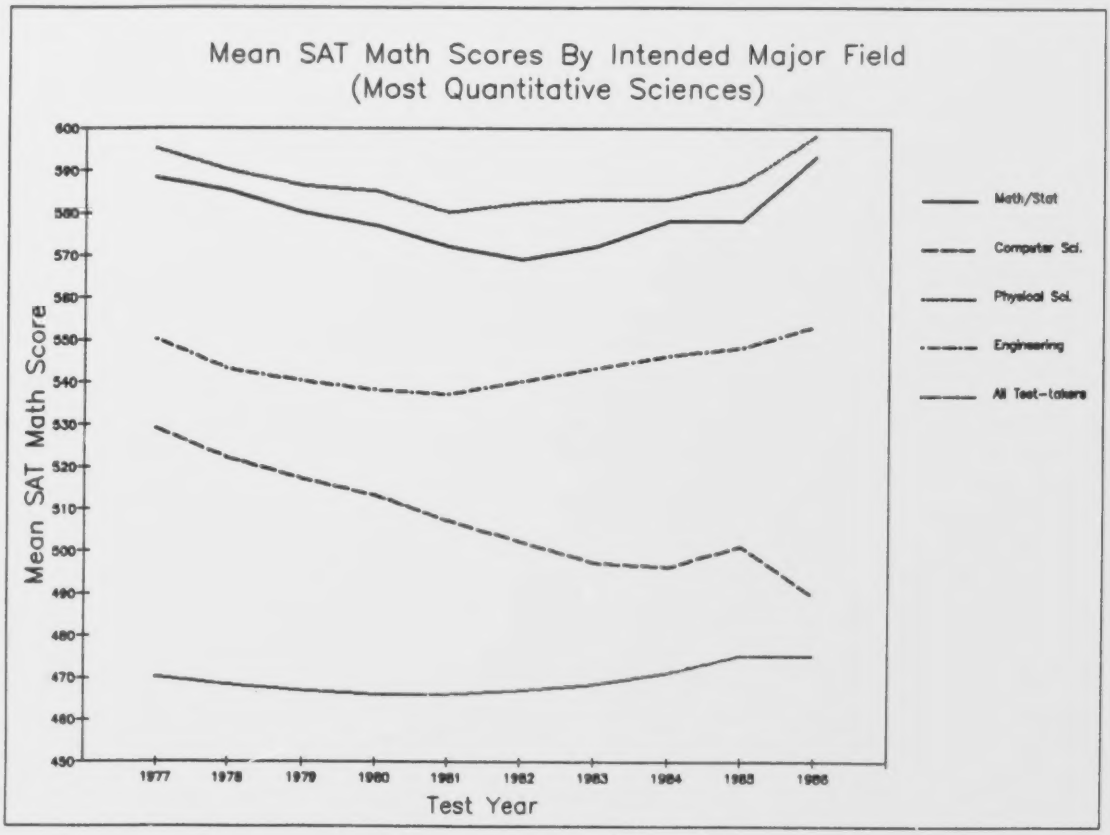


Figure 1

Among all test takers, SAT Math scores reached a low in 1981, when their mean was 466. It has since risen to 475, an increase of 9 points in five years. Among examinees planning to major in math, science, and engineering, the increase was only 6 points. But among those intending to major in physical sciences, math and statistic, and engineering, the increase has been far greater. For those interested in physical sciences, scores rose 18 points in five years; for math and statistics, scores rose 24 points in only four years; and for engineering, scores rose 16 points in five years.

What seem out of line are the scores and the trend line for examinees interested in majoring in computer science. **Over the past ten years, the scores of examinees planning to study computer science have declined 40 points.** Before computer science existed as a field of study, most students interested in computers generally majored in math or in electrical engineering. Some still do. But now that computer science exists as in independent field, those selecting it appear to have much lower academic skills than those selecting math or engineering. Just for comparison, it is worth noting that in 1986, examinees planning to study computer science, computer engineering, electrical engineering, and mathematics scored averages of 489, 538, 543, and 593 respectively on SAT Math. The rank orderings were the same for their Verbal scores, which were 413, 432, 436, and 469 respectively. Considering also that the Math scores of examinees interested in electrical engineering increased 19 points in the past six years, the scores of those interested in mathematics rose 24 points in the last four years, and the scores of those interested in computer science declined, it appears that those attracted to computer science constitute a population a very different from the other two.

If we look at the trends for examinees planning to major in the less quantitative sciences, we find that their SAT Math scores have followed curves very similar to the trend for all test-takers (Figure 2).

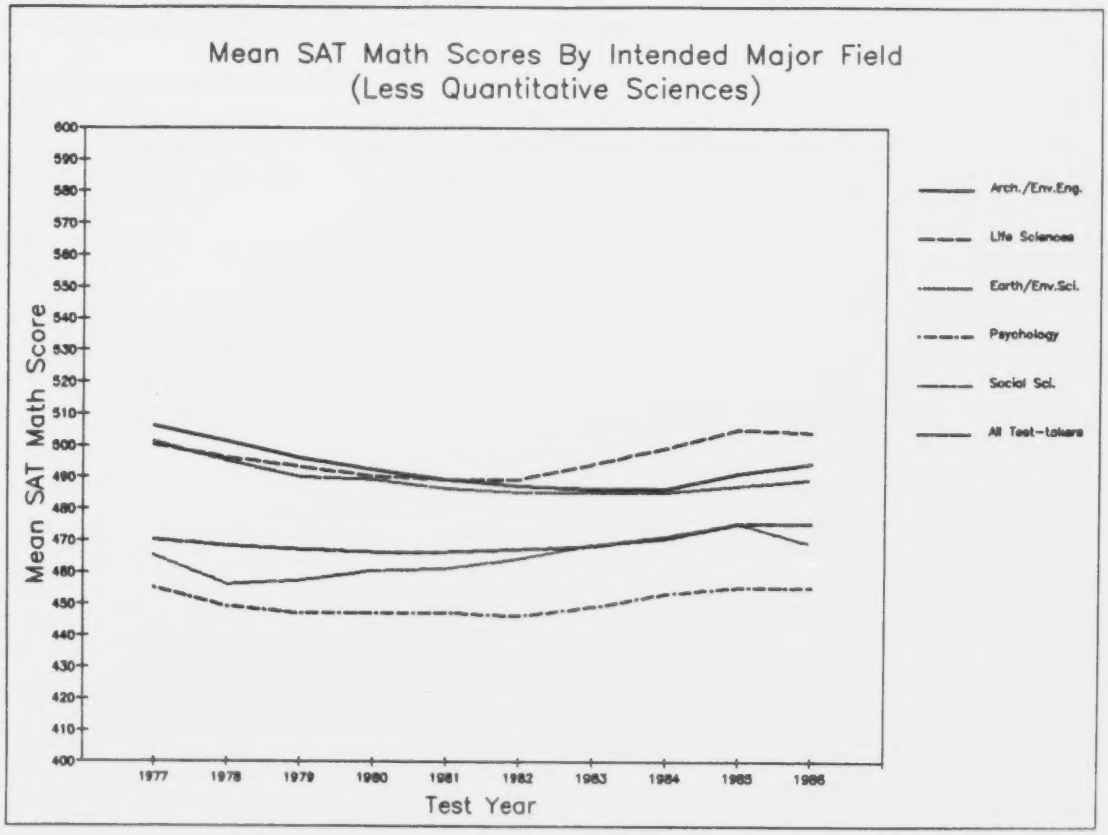


Figure 2

Notice that the Math scores for examinees planning to major in psychology and in social sciences have been consistently lower than the scores for test takers as a whole. If we look at the specific major fields within these areas, we see that examinees planning to study quite a few science fields have scored below the national average in SAT Math. **Those planning to major in agriculture, child psychology, general psychology, social psychology, sociology, law enforcement, and "other" social sciences all have had Math averages consistently below the mean for all test takers.**

Other characteristics of examinees planning to major in math, science, and engineering

This study also analyzed the examinee's self-reported grade average in mathematics, rank in class, and educational aspirations. These were fairly consistent with patterns in test scores.

The mathematics grade averages were not recorded for 1986, and trends are difficult to interpret because of grade inflation and deflation. Overall, there was very little change in the average for all examinees planning to major in math, science, and engineering, but those planning to enter specific fields did show some patterns. The averages among those interested in computer science paralleled their test scores; between 1977 and 1985, their math grade averages dropped from 3.25 to 3.04. The grade averages, as well as the SAT Math scores, were highest for examinees planning to enter the most quantitative sciences--math, physics, chemical engineering--and they were lowest for those entering the least quantitative fields--law enforcement, psychology, sociology, agriculture.

The mean rank in class gives a different perpective on achievement, presumably integrating both the verbal and quantitative components of learning. Furthermore, it is a measure that is not affected by grade inflation. Among all examinees planning to major in math, science, and engineering, the mean rank in class remained remarkably unchanged at about the 75th percentile over the past decade. The highest ranks were maintained among those interested in the physical sciences, especially physics, chemical engineering, mathematics, economics, and international relations. These were all fields attracting examinees with high grades and test scores as well.

Of those examinees planning to major in math, science, and engineering, 60 to 63 percent each year over the past decade have indicated

that they intend to obtain more than a bachelor's degree. Among the specific fields of interest, those attracting examinees with the highest aspirations tended to be the same fields that attracted examinees with the highest test scores and grades. In 1986, 89 percent of the prospective physics majors intended to obtain a graduate degree. On the other hand, only 33 percent of those entering law enforcement and only 31 percent of those interested in agriculture planned to attend graduate school.

It is again worthwhile to note that examinees interested in computer science generally do not intend to go to graduate school. In 1986, 46 percent indicated that they planned to obtain a graduate degree compared with 65 percent of those studying math and statistics and 57 percent of those planning to major in electrical engineering.

Comparisons with examinees planning to major in non-science fields

The analyses discussed above indicated that the percentage of SAT examinees planning to major in math, science, and engineering was highest in 1983. At that time slightly more than 31.2 percent expressed an interest in math, science, and engineering; since that time the figure has dropped to 28.5 percent. Among the non-science fields there has been a considerable increase in interest in majoring in business, where the figures have risen from 11 percent in 1977 to 20 percent in 1986. Other fields, such as communications, have also increased in popularity, but their numbers are too small to have any noticeable affect on the population as a whole. Some other fields have shown a recent relative decline in interest, including pre-medicine and other health fields, pre-law, humanities, history, and vocational fields.

It is perhaps unexpected that the SAT Verbal scores of prospective math, science, and engineering students should be higher than the average

for test-takers as a whole, but this is the case. As we noted earlier, the mean Verbal score for all SAT examinees in 1986 was 431; for those planning to major in math, science, and engineering, the mean was 450. The averages for examinees planning to study math, physical sciences, aerospace or chemical engineering, biological sciences, earth and environmental sciences, economics, political science, or interdisciplinary sciences were all above the national average on the SAT Verbal test.

On the SAT Math test, the mean in 1986 for math, science, and engineering was 513. The average for examinees overall was 475. There were a number of areas outside of the sciences, however, that attracted examinees with high math aptitude. Specifically, those areas with means of 530 or higher were pre-medicine (539), classics (530), comparative literature (555), philosophy (559), classical languages (557), Chinese (546), Latin (542), Russian (554), education of the gifted and talented (536), and mathematics education (533).

Grades in math, as we might expect, were also higher among examinees planning to major in math, science, and engineering. In 1986, the average overall self-reported math grade was 2.85 (on a 4-point scale), while the average for examinees planning to major in math, science, and engineering was 3.02. Among the broad categories of non-sciences defined for this study, pre-medicine showed a math grade average of 3.26. All other fields studied were lower, but there may have been specific majors within the broader fields that showed higher grades. These were not analyzed. Self-reported mean rank in class was slightly lower than average for examinees planning to major in math, science, and engineering, but the differences were probably not large enough to be meaningful.

A greater than average percentage of examinees planning to study math,

science, and engineering intend to obtain a graduate degree. Overall, in 1986, 55 percent of all examinees plan to receive a graduate degree; this compared with 63 percent of those planning to study math, science, and engineering. Among the non-sciences, the majority who planned to major in arts, communications, business, education, or vocational fields did not plan to do graduate work. On the other hand, 98 percent of those planning to be pre-med students planned to go to medical school, and 85 percent of the examinees headed for pre-law intended to go beyond their bachelor's degree. Over 60 percent planning to study humanities, languages, and history indicated that they planned to continue to graduate school, and over 59 percent of those interested in other health fields also anticipated doing graduate study.

Results for subgroups

All of the analyses reported thus far were conducted separately for white males, white females, black males, and black females. Because of the extensive quantity of information that might be compared and the limited extent of this report, only the major findings will be summarized here. Details can be deduced from the tables.

We noted earlier an increasing trend in the number (and percentage) of examinees planning to major in math, science, and engineering until about 1983, when the numbers began to decline. This same pattern occurred for every race/sex group, though the number of black females increased again slightly in 1986. Figure 3 below compares these trends for the four groups studied.

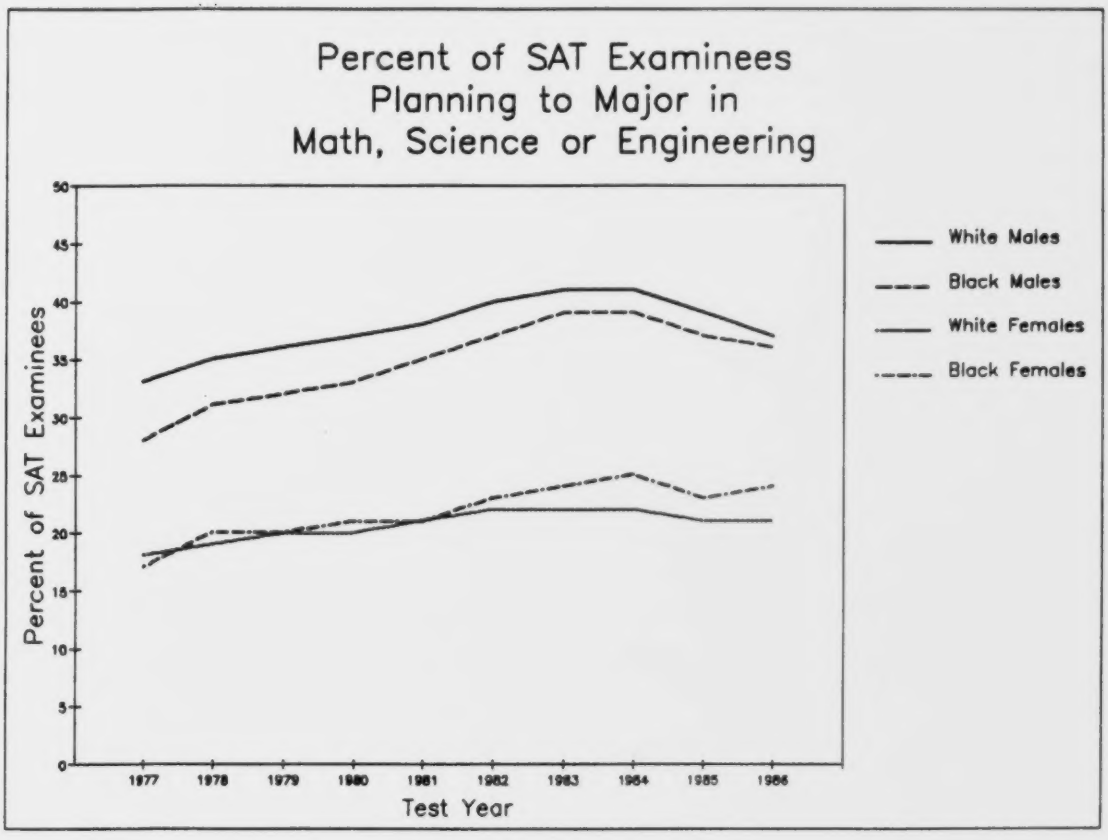


Figure 3

We can see from the graph that **among whites in particular, the women do <u>not</u> seem to be "catching up" with the men in terms of their interest in majoring in math, science, and engineering.** White males are still the group most attracted to the sciences; white females are the least. Gender differences are large, but not quite so large, among the blacks.

Among whites planning to major in math, science, and engineering, the trends in SAT Verbal scores between 1977 and 1986 were different for males and females. The scores for white males dropped 5 points (1977-80) then rose 11 points to a maximum in 1986. The scores for white women dropped 12 points (1977-83) and increased only 5 points by 1985. **Prior to 1984, the**

women planning to major in math, science, and engineering have obtained higher Verbal scores than the men. Since 1984, the men's scores have been slightly higher.

Among whites planning to major in math, science, and engineering, there has been over the past ten years between 38 and 50 points difference in the SAT Math scores of males and females. The greatest difference (50 points) was in 1986; the least was in 1984. Perhaps most noticeable is the rise in Math scores for men since 1981--an increase of 10 points. For women, there was a 9-point increase from 1979 to 1985, followed by a 5-point decline in the past year. These trends are evident in Figure 4 below.

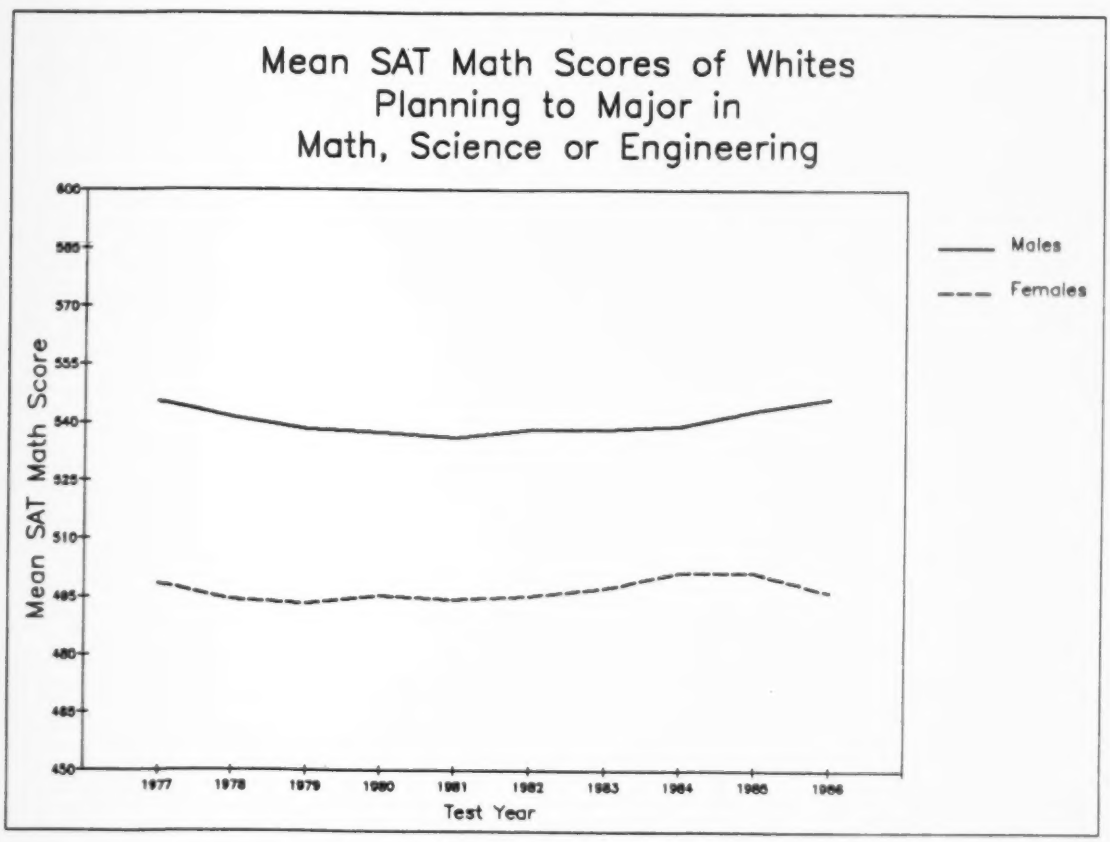


Figure 4

If we examine specific areas of math, science, and engineering, however, we find that among examinees planning to major in some fields, the women's Math scores have been consistently higher than the men's. These fields include architecture/environmental design and engineering. Among the specific engineering fields, men have scored higher than women planning to study aerospace and chemical engineering, but **the women intending to major in electrical, mechanical, civil, and "other" (i.e., smaller) engineering fields have scored higher than the men planning to major in those fields.**

The gender differences noted among whites are very similar among blacks. Figure 5 below shows that the women's scores appeared to be rising until 1986, then then dropped 6 points in just one year.

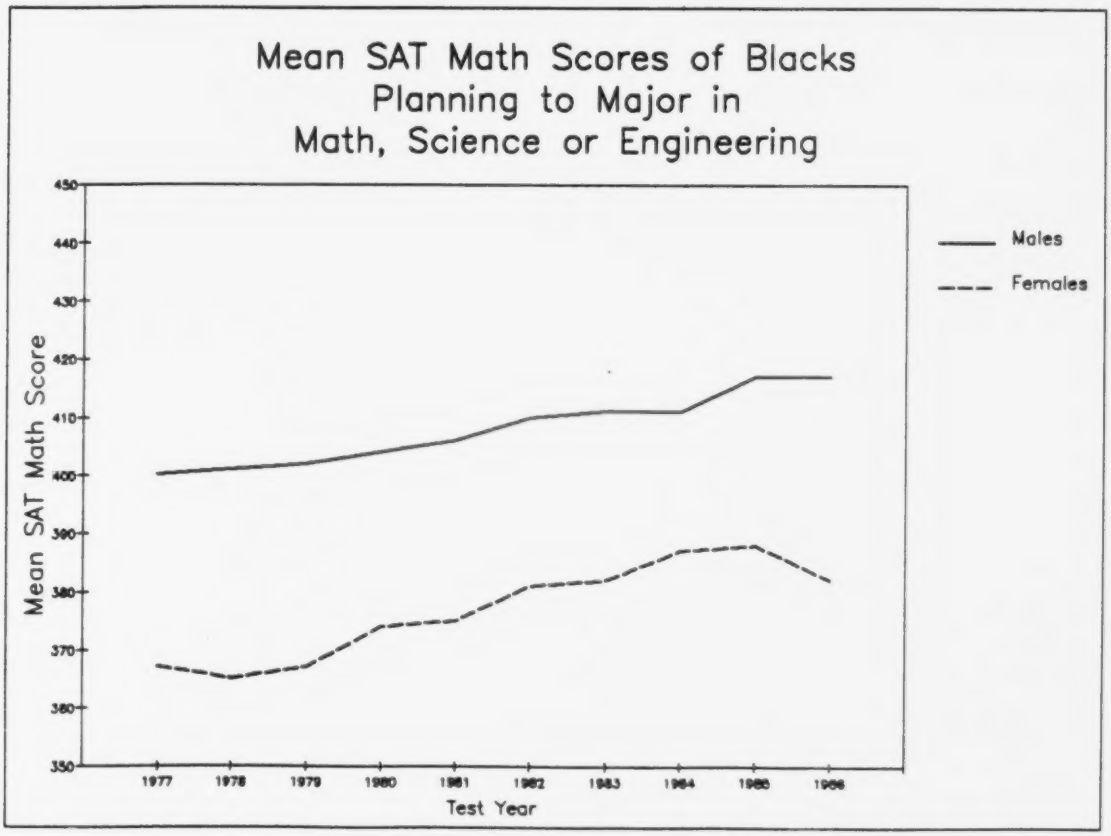


Figure 5

While they are still a standard deviation lower than the scores for whites, **the mean SAT Math scores of blacks planning to major in math, science, and engineering have risen considerably over the past decade.** Between 1977 and 1986, the means for black males rose steadily from 400 to 417; for black females, the means increased from 367 to 388 in 1985, then dropped to 382 in 1986. **The greatest increases occurred among blacks planning to major in mathematics or statistics: the scores of males rose 64 points in only the last four years; the scores of females rose 55 points in seven years.**

While trends in grade average are not very useful, their relative rank orderings within the same year generally are useful. Comparing males and females, research generally shows that within the same population, males tend to obtain higher test scores while females obtain higher grades (Clark and Grandy, 1984). In fact, when test scores are held constant, women's grades are higher than men's, whether at the high school or college level. Conversely, if grades are held constant, men's test scores are higher than women's. When we analyze the grades and SAT scores of examinees planning to major in specific fields, however, these patterns do not seem to hold consistently.

In 1985 (the most recent year for which we have the self-reported grade in mathematics recorded on the examinee's record), the average of the women's grades was higher than the average of the men's grades for every intended field of study within math, science, and engineering. It should be noted that the average grade for all math, science, and engineering was slightly higher for men than for women. This is because the proportions of men and women distribute differently over the science fields, with women tending towards the less quantitative sciences, such as psychology, and men

tending towards engineering. Nevertheless, within each field, such as electrical engineering, the women report higher math grade averages than the men.

The higher grade averages are consistent with prior research. But if we also examine the SAT Math scores of students planning to enter each of these fields, we find that for some fields, the score averages are also higher for women. Figure 6 shows the ten-year trends in SATM scores for white males and females planning to major in engineering. **Females have had consistently higher Math scores**, although the two curves appear as if they may converge by 1987.

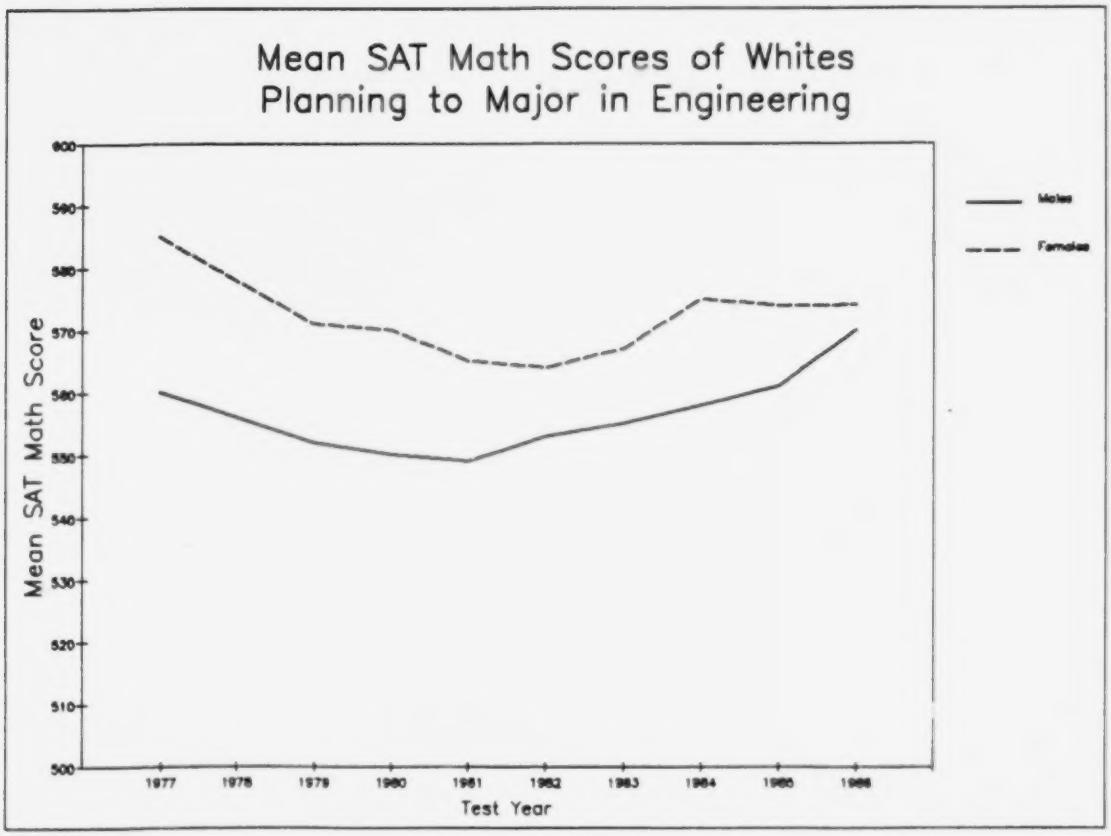


Figure 6

A similar pattern occurs for blacks (Figure 7). In 1986 the curves did converge, and the scores of women appear to be dropping. Prior to 1986, however, the women consistently obtained higher SATM score averages than the men.

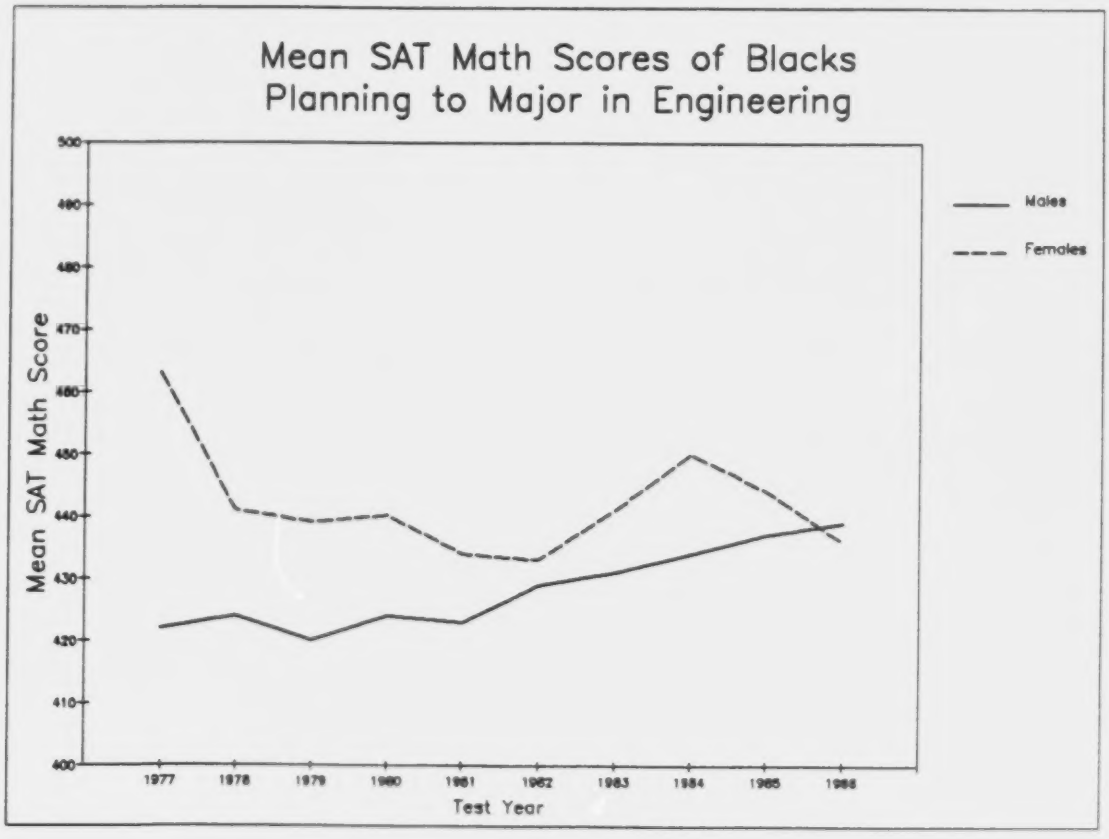


Figure 7

One additional variable worth comparing across subgroups is the educational aspirations of math, science, and engineering examinees. Of the four primary subgroups, the greatest proportion planning graduate study is among black females. In 1986, 68 percent of the black women reported that

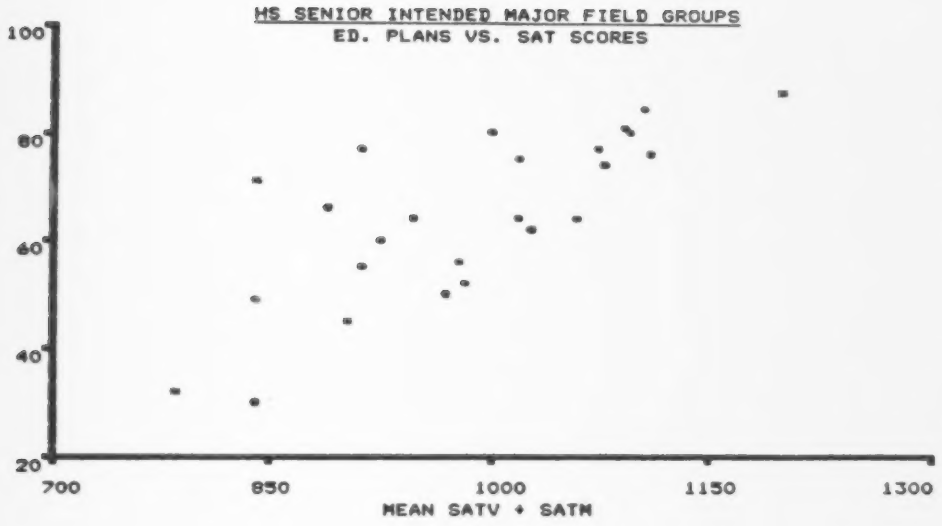
they planned to receive a graduate degree. Among white women, the number was 66 percent, and among men, the figures were 59 and 55 percent for whites and blacks respectively.

There were differences, however, in the trends in educational aspirations. The trend for white males strongly resembled the trend in SAT scores, first declining, then rising. The trend for white females was fairly flat until 1984, then increased from 60 to 66 percent in just three years. Blacks of both sexes have shown a steady decline since 1977 in the percent planning to obtain a graduate degree.

One interesting observation is an apparent association between test scores and educational aspirations. Such an association is not in itself surprising, i.e., we would expect the more academically able students to plan to do graduate work. What is interesting is that some fields attract examinees with higher educational aspirations than other fields, and those same fields attract examinees with high test scores. Consider the mean test scores and the percentage of examinees planning to obtain a graduate degree for each major field within math, science, and engineering. In 1986, they were as follows:

Intended Major Field	Mean SATV	Mean SATM	Mean SATV+ SATM	Percent Planning Graduate Degree
Physics	558	641	1199	89
Interdis./other sci.	520	589	1109	77
Astronomy	526	578	1104	86
Economics	519	576	1095	81
International rel.	544	546	1090	82
Chemical engineering	490	589	1079	75
Chemistry	500	572	1072	78
Math & statistics	469	593	1062	65
Aerospace engineering	472	555	1027	63
Political science	507	515	1022	76
"Other" engineering	460	559	1019	65
Biological sciences	480	524	1004	81
Mechanical engin.	442	543	985	53
Electrical engin.	436	543	979	57
Civil engineering	436	533	969	51
Earth & environ. sci.	458	489	947	65
"Other" social sci.	458	467	925	61
Arch./Environ. engin.	419	494	913	56
General psychology	448	463	911	78
Computer science	413	489	902	46
Social psychology	439	451	890	67
Child psychology	415	428	843	72
Sociology	414	429	843	50
Agriculture	404	436	840	31
Law enforcement	381	408	789	33

The fields are rank ordered from high to low by the sum of the SAT Verbal and Math score means. The highest score averages were obtained by examinees planning to major in physics; the lowest were among those interested in law enforcement. The field with the highest percentage planning graduate study was also physics; law enforcement was next to the lowest. The correlations between these figures (between columns 3 and 4) were 0.76, and the scatter plot below shows the relationship rather convincingly.



These relationships suggest that the various fields within math, science, and engineering attract students with different levels of verbal and mathematical ability, some emphasizing one more than the other. One of the conclusions implied by these data is that high school seniors do have some understanding of the relative difficulty of these major fields, and they have some idea what their test scores will be at the time they answer the questions regarding major field and educational plans. Otherwise, we would not expect to find such consistency among test scores, grades, educational plans, and major field choices. Just why these variables change over time is a subject worthy of discussion, speculation, and further research.

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Clark, M. J. and Grandy, J. (1984). Sex differences in the academic performance of Scholastic Aptitude Test takers. College Board Report No. 84-8. N.Y.: College Entrance Examination Board.

National Science Foundation (1983). Academic Science/Engineering: Graduate Enrollment and Support, Fall 1983. Surveys of Science Resources Series, Detailed Statistical Tables. Washington, D. C.: National Science Foundation.

TABLES

The tables for this report are numbered sequentially according to the variable analyzed. For each table number there are six letters, A through F, corresponding to the group analyzed. The letters define the groups as follows:

A - All Examinees	D - Black Males
B - White Males	E - Black Females
C - White Females	F - "Other" Examinees

Tables numbered 1 through 17 present statistics for examinees planning to major in math, science, and engineering. Tables numbered 18 through 26 present the same statistics for all other examinees and for the total of all examinees. The variables presented in the tables are as follows:

Examinees planning to major in math, science, and engineering

1 - Number of examinees planning to major in math, science, and engineering (summary tables)
2 - Percentage planning to major in math, science, and engineering (summary tables)
3 - Number of examinees planning to major in math, science, and engineering (detailed tables)
4 - Mean SAT Verbal Scores (summary tables)
5 - Standard deviation of SAT Verbal Scores (summary tables)
6 - Mean SAT Verbal Scores (detailed tables)
7 - Standard deviation of SAT Verbal Scores (detailed tables)
8 - Mean SAT Math Scores (summary tables)
9 - Standard deviation of SAT Math Scores (summary tables)
10 - Mean SAT Math Scores (detailed tables)
11 - Standard deviation of SAT Math Scores (detailed tables)
12 - Mean grade in math (summary tables)
13 - Mean grade in math (detailed tables)
14 - Mean rank in class (summary tables)
15 - Mean rank in class (detailed tables)
16 - Percent who intend to receive a graduate degree (summary tables)
17 - Percent who intend to receive a graduate degree (detailed tables)

Examinees planning to major in non-science fields

18 - Number planning to major in non-science fields
19 - Percent planning to major in non-science fields
20 - Mean SAT Verbal scor
21 - Standard deviation of SAT Verbal scores
22 - Mean SAT Math scores
23 - Standard deviation of SAT Math scores
24 - Mean grade in math
25 - Mean rank in class
26 - Percent who intend to receive a graduate degree

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	18674	13139	12515	10977	9985	9601	9274	9006	9589	9739	7647
COMPUTER SCIENCE	9801	12754	17656	23848	29761	40956	56219	71866	69421	50613	36980
PHYSICAL SCIENCES	5709	8673	9222	9362	9424	8946	8581	8030	8222	8536	8062
ARCHITECTURE/ENVIR. ENG.	14866	14008	15289	15753	16878	16456	15329	13044	12734	13551	15592
ENGINEERING	49430	63492	75015	83196	90876	96194	102393	98892	94452	92935	98354
LIFE SCIENCES	73048	38740	38575	36283	33581	32537	30865	28724	28003	27356	30952
EARTH & ENVIRONMENTAL SCI.	8633	12434	12803	12470	10766	10046	9250	7784	6658	6707	8116
PSYCHOLOGY	27902	25329	28848	30037	29852	29122	28867	27493	28499	33707	35175
SOCIAL SCIENCES	35108	46013	46766	43251	38808	36002	33520	31520	32789	34680	41937
INTERDISCIPL./OTHER SCIENCES	12749	4839	5396	5328	4654	4099	3822	3511	3408	3195	2206
TOTAL OF SCIENCE, MATH & ENGINEERING	255920	239421	262085	270505	274585	283959	298120	299870	293775	281019	285021

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	9632	6396	5920	5081	4406	4234	3967	3774	3907	3881	3275
COMPUTER SCIENCE	5334	6424	8486	11209	13547	18309	24673	32291	32788	25292	17625
PHYSICAL SCIENCES	3877	5790	6022	6044	6032	5704	5301	4841	4880	5050	4848
ARCHITECTURE/ENVIR. ENG.	10714	9255	9961	9980	10215	9985	9148	7866	7612	8143	9021
ENGINEERING	38992	46935	54220	58963	62271	65284	68198	64935	61669	60369	61290
LIFE SCIENCES	37583	16372	16197	15317	13876	13351	12551	11529	10862	10638	11668
EARTH & ENVIRONMENTAL SCI.	5664	7929	8079	7719	6586	6087	5563	4652	3921	3752	4235
PSYCHOLOGY	6333	4906	5043	4925	4651	4458	4397	4295	4457	5049	5315
SOCIAL SCIENCES	16456	17532	16691	15179	13520	13002	12492	12373	12842	13653	16131
INTERDISCIPL./OTHER SCIENCES	8873	3144	3453	3255	2851	2471	2268	1989	1867	1789	1231
TOTAL OF SCIENCE, MATH & ENGINEERING	143458	124683	134072	137672	137955	142885	148558	148545	144805	137616	134639

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	6859	5048	4886	4278	4080	3973	3912	3862	4287	4282	3147
COMPUTER SCIENCE	2296	3221	4648	6585	8615	12093	17191	20659	17565	10413	6740
PHYSICAL SCIENCES	1023	1696	1786	1912	1922	1851	1902	1840	1969	2048	1856
ARCHITECTURE/ENVIR. ENG.	1931	2161	2392	2659	3019	2856	2722	2232	2229	2382	2781
ENGINEERING	2750	4837	5993	7423	9082	10220	11917	11822	10820	10295	10343
LIFE SCIENCES	27218	17066	16719	15630	14425	14034	13135	12202	11793	11493	12707
EARTH & ENVIRONMENTAL SCI.	2137	3363	3474	3542	3091	2930	2772	2393	2080	2295	3052
PSYCHOLOGY	16535	15198	17729	18915	19118	18965	19106	18360	19110	22807	23291
SOCIAL SCIENCES	14158	19856	20565	19569	17527	15947	14641	13341	14092	14815	17532
INTERDISCIPL./OTHER SCIENCES	2694	1113	1287	1418	1240	1088	1060	1010	1075	950	678
TOTAL OF SCIENCE, MATH & ENGINEERING	77601	73559	79479	81931	82119	83957	88358	87721	85020	81780	82127

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	476	320	322	320	266	281	260	239	211	262	168
COMPUTER SCIENCE	612	812	1134	1329	1604	2217	2835	3919	4037	3251	2795
PHYSICAL SCIENCES	160	199	220	223	220	222	198	202	167	208	168
ARCHITECTURE/ENVIR. ENG.	730	730	868	879	985	922	900	763	712	700	764
ENGINEERING	2719	3649	4531	4924	5557	5642	5670	5488	5242	5122	5692
LIFE SCIENCES	1400	817	852	826	770	754	740	630	649	586	667
EARTH & ENVIRONMENTAL SCI.	142	163	213	207	151	130	117	95	79	76	87
PSYCHOLOGY	744	666	668	642	611	506	468	414	422	480	506
SOCIAL SCIENCES	873	1346	1426	1283	1156	1080	963	861	891	872	1207
INTERDISCIPL./OTHER SCIENCES	198	73	93	93	53	74	57	50	42	47	25
TOTAL OF SCIENCE, MATH & ENGINEERING	8054	8775	10327	10726	11373	11828	12208	12661	12452	11604	12079

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	504	404	385	343	321	263	258	234	268	320	215
COMPUTER SCIENCE	591	750	1112	1449	1896	2760	3678	4964	4890	3637	3360
PHYSICAL SCIENCES	82	138	180	162	174	151	158	161	184	165	130
ARCHITECTURE/ENVIR. ENG.	125	214	269	302	339	339	323	224	236	247	261
ENGINEERING	365	750	1010	1289	1655	1791	2074	1992	1958	1841	2306
LIFE SCIENCES	1582	914	947	866	915	912	890	848	945	878	1134
EARTH & ENVIRONMENTAL SCI.	44	58	87	73	68	79	69	53	44	47	46
PSYCHOLOGY	2173	2182	2619	2655	2589	2321	2050	1701	1711	1972	2150
SOCIAL SCIENCES	1214	2749	3106	2804	2474	2132	1824	1480	1437	1542	2198
INTERDISCIPL./OTHER SCIENCES	149	57	76	49	69	51	51	45	40	49	29
TOTAL OF SCIENCE, MATH & ENGINEERING	6829	8216	9791	9992	10500	10799	11375	11702	11713	10698	11829

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	1203	971	1002	955	912	850	877	897	916	994	842
COMPUTER SCIENCE	968	1547	2276	3276	4099	5577	7842	10033	10141	8020	6460
PHYSICAL SCIENCES	567	850	1014	1021	1076	1018	1022	986	1022	1065	1060
ARCHITECTURE/ENVIR. ENG.	1366	1648	1799	1933	2320	2354	2236	1959	1945	2079	2765
ENGINEERING	4604	7321	9261	10597	12311	13257	14534	14655	14763	15308	18723
LIFE SCIENCES	5265	3571	3860	3644	3595	3486	3549	3515	3754	3761	4776
EARTH & ENVIRONMENTAL SCI.	646	921	950	929	870	820	729	591	534	537	696
PSYCHOLOGY	2117	2377	2789	2900	2883	2872	2846	2723	2799	3399	3913
SOCIAL SCIENCES	2407	4530	4978	4416	4131	3841	3600	3465	3527	3798	4869
INTERDISCIPL./OTHER SCIENCES	835	452	487	513	441	415	386	417	384	360	243
TOTAL OF SCIENCE, MATH & ENGINEERING	19978	24188	28416	30184	32638	34490	37621	39241	39785	39321	44347

PERCENT OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	1.86	1.34	1.27	1.11	1.01	0.97	0.94	0.94	0.99	1.00	0.76
COMPUTER SCIENCE	0.98	1.30	1.79	2.41	3.00	4.12	5.69	7.47	7.20	5.18	3.70
PHYSICAL SCIENCES	0.57	0.89	0.93	0.94	0.95	0.90	0.87	0.83	0.85	0.87	0.81
ARCHITECTURE/ENVIR. ENG.	1.48	1.43	1.55	1.59	1.70	1.66	1.55	1.36	1.32	1.39	1.56
ENGINEERING	4.93	6.48	7.59	8.39	9.17	9.68	10.37	10.28	9.79	9.51	9.83
LIFE SCIENCES	7.29	3.96	3.90	3.66	3.39	3.28	3.13	2.99	2.90	2.80	3.09
EARTH & ENVIRONMENTAL SCI.	0.86	1.27	1.29	1.26	1.09	1.01	0.94	0.81	0.69	0.69	0.81
PSYCHOLOGY	2.78	2.59	2.92	3.03	3.01	2.93	2.92	2.86	2.95	3.45	3.51
SOCIAL SCIENCES	3.50	4.70	4.73	4.36	3.92	3.62	3.39	3.28	3.40	3.55	4.19
INTERDISCIPL./OTHER SCIENCES	1.27	0.49	0.55	0.54	0.47	0.41	0.39	0.36	0.35	0.33	0.22
TOTAL OF SCIENCE, MATH & ENGINEERING	25.52	24.45	26.50	27.29	27.71	28.58	30.19	31.16	30.46	28.75	28.48
PERCENTS ARE BASED ON A TOTAL N OF:	1002693	979273	988927	991257	990787	993385	987449	962210	964550	977357	1000747

PERCENT OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	2.35	1.67	1.54	1.33	1.17	1.12	1.06	1.04	1.10	1.09	0.89
COMPUTER SCIENCE	1.30	1.68	2.21	2.93	3.59	4.85	6.61	8.90	9.22	7.09	4.81
PHYSICAL SCIENCES	0.94	1.51	1.57	1.58	1.60	1.51	1.42	1.33	1.37	1.41	1.32
ARCHITECTURE/ENVIR. ENG.	2.61	2.41	2.60	2.61	2.71	2.65	2.45	2.17	2.14	2.28	2.46
ENGINEERING	9.50	12.25	14.15	15.43	16.52	17.31	18.26	17.90	17.35	16.91	16.72
LIFE SCIENCES	9.16	4.27	4.23	4.01	3.68	3.54	3.36	3.18	3.06	2.98	3.18
EARTH & ENVIRONMENTAL SCI.	1.38	2.07	2.11	2.02	1.75	1.61	1.49	1.28	1.10	1.05	1.16
PSYCHOLOGY	1.54	1.28	1.32	1.29	1.23	1.18	1.18	1.18	1.25	1.41	1.45
SOCIAL SCIENCES	4.01	4.57	4.36	3.97	3.59	3.45	3.35	3.41	3.61	3.82	4.40
INTERDISCIPL./OTHER SCIENCES	2.16	0.82	0.90	0.85	0.76	0.66	0.61	0.55	0.53	0.50	0.34
TOTAL OF SCIENCE, MATH & ENGINEERING	34.95	32.53	34.99	36.03	36.61	37.88	39.78	40.95	40.74	38.55	36.73
PERCENTS ARE BASED ON A TOTAL N OF:	410443	383280	383173	382077	376858	377193	373421	362742	355433	356971	366553

PERCENT OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	1.62	1.24	1.20	1.04	1.00	0.97	0.97	0.99	1.11	1.11	0.79
COMPUTER SCIENCE	0.54	0.79	1.14	1.60	2.11	2.96	4.25	5.28	4.55	2.70	1.69
PHYSICAL SCIENCES	0.24	0.42	0.44	0.47	0.47	0.45	0.47	0.47	0.51	0.53	0.47
ARCHITECTURE/ENVIR. ENG.	0.46	0.53	0.59	0.65	0.74	0.70	0.67	0.57	0.58	0.62	0.70
ENGINEERING	0.65	1.19	1.47	1.81	2.23	2.50	2.95	3.02	2.80	2.67	2.60
LIFE SCIENCES	6.45	4.19	4.09	3.81	3.54	3.43	3.25	3.12	3.05	2.98	3.20
EARTH & ENVIRONMENTAL SCI.	0.51	0.83	0.85	0.86	0.76	0.72	0.69	0.61	0.54	0.59	0.77
PSYCHOLOGY	3.92	3.73	4.34	4.61	4.69	4.63	4.73	4.69	4.95	5.91	5.86
SOCIAL SCIENCES	3.35	4.88	5.03	4.77	4.30	3.90	3.62	3.41	3.65	3.84	4.41
INTERDISCIPL./OTHER SCIENCES	0.64	0.27	0.32	0.35	0.30	0.27	0.26	0.26	0.28	0.25	0.17
TOTAL OF SCIENCE, MATH & ENGINEERING	18.38	18.08	19.46	19.95	20.16	20.52	21.87	22.40	22.01	21.19	20.65
PERCENTS ARE BASED ON A TOTAL N OF:	422126	406957	408455	410630	407369	409193	404065	391595	386280	385930	397684

PERCENT OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	1.57	1.01	0.97	0.96	0.78	0.84	0.78	0.74	0.67	0.84	0.50
COMPUTER SCIENCE	2.01	2.57	3.43	3.97	4.72	6.62	8.55	12.20	12.75	10.40	8.34
PHYSICAL SCIENCES	0.53	0.63	0.67	0.67	0.65	0.66	0.60	0.63	0.53	0.67	0.50
ARCHITECTURE/ENVIR. ENG.	2.40	2.31	2.62	2.63	2.90	2.75	2.71	2.37	2.25	2.24	2.28
ENGINEERING	8.95	11.55	13.70	14.71	16.34	16.85	17.10	17.08	16.55	16.39	16.98
LIFE SCIENCES	4.61	2.59	2.58	2.47	2.26	2.25	2.23	1.96	2.05	1.88	1.99
EARTH & ENVIRONMENTAL SCI.	0.47	0.52	0.64	0.62	0.44	0.39	0.35	0.30	0.25	0.24	0.26
PSYCHOLOGY	2.45	2.11	2.02	1.92	1.80	1.51	1.41	1.29	1.33	1.54	1.51
SOCIAL SCIENCES	2.87	4.26	4.31	3.83	3.40	3.23	2.90	2.68	2.81	2.79	3.60
INTERDISCIPL./OTHER SCIENCES	0.65	0.23	0.28	0.28	0.16	0.22	0.17	0.16	0.13	0.15	0.07
TOTAL OF SCIENCE, MATH & ENGINEERING	26.50	27.79	31.23	32.05	33.45	35.33	36.81	39.41	39.32	37.13	36.04
PERCENTS ARE BASED ON A TOTAL N OF:	30396	31581	33072	33467	33999	33481	33162	32127	31671	31251	33520

PERCENT OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	1.13	0.84	0.78	0.69	0.63	0.52	0.52	0.48	0.56	0.67	0.44
COMPUTER SCIENCE	1.33	1.57	2.25	2.90	3.71	5.47	7.44	10.28	10.23	7.66	6.82
PHYSICAL SCIENCES	0.18	0.29	0.36	0.32	0.34	0.30	0.32	0.33	0.39	0.35	0.26
ARCHITECTURE/ENVIR. ENG.	0.28	0.45	0.54	0.60	0.66	0.67	0.65	0.46	0.49	0.52	0.53
ENGINEERING	0.82	1.57	2.04	2.58	3.24	3.55	4.20	4.12	4.10	3.87	4.68
LIFE SCIENCES	3.55	1.91	1.91	1.73	1.79	1.81	1.80	1.76	1.98	1.85	2.30
EARTH & ENVIRONMENTAL SCI.	0.10	0.12	0.18	0.15	0.13	0.16	0.14	0.11	0.09	0.10	0.09
PSYCHOLOGY	4.88	4.56	5.29	5.30	5.06	4.60	4.15	3.52	3.58	4.15	4.36
SOCIAL SCIENCES	2.73	5.74	6.28	5.60	4.84	4.22	3.69	3.06	3.01	3.25	4.46
INTERDISCIPL./OTHER SCIENCES	0.33	0.12	0.15	0.10	0.13	0.10	0.10	0.09	0.08	0.10	0.06
TOTAL OF SCIENCE, MATH & ENGINEERING	15.34	17.15	19.79	19.96	20.54	21.39	23.02	24.23	24.52	22.52	24.00
PERCENTS ARE BASED ON A TOTAL N OF:	44523	47900	49481	50049	51128	50494	49409	48294	47778	47511	49283

PERCENT OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	1.26	0.89	0.87	0.83	0.75	0.69	0.69	0.70	0.64	0.64	0.55
COMPUTER SCIENCE	1.02	1.41	1.98	2.85	3.38	4.53	6.16	7.87	7.07	5.15	4.20
PHYSICAL SCIENCES	0.60	0.78	0.88	0.89	0.89	0.83	0.80	0.77	0.71	0.68	0.69
ARCHITECTURE/ENVIR. ENG.	1.43	1.50	1.57	1.68	1.91	1.91	1.76	1.54	1.36	1.34	1.80
ENGINEERING	4.84	6.68	8.07	9.21	10.14	10.78	11.41	11.50	10.30	9.83	12.18
LIFE SCIENCES	5.53	3.26	3.36	3.17	2.96	2.83	2.79	2.76	2.62	2.42	3.11
EARTH & ENVIRONMENTAL SCI.	0.68	0.84	0.83	0.81	0.72	0.67	0.57	0.46	0.37	0.34	0.45
PSYCHOLOGY	2.22	2.17	2.43	2.52	2.37	2.33	2.23	2.14	1.95	2.18	2.55
SOCIAL SCIENCES	2.53	4.13	4.34	3.84	3.40	3.12	2.83	2.72	2.46	2.44	3.17
INTERDISCIPL./OTHER SCIENCES	0.88	0.41	0.42	0.45	0.36	0.34	0.30	0.33	0.27	0.23	0.16
TOTAL OF SCIENCE, MATH & ENGINEERING	20.98	22.08	24.76	26.24	26.88	28.04	29.53	30.79	27.75	25.26	28.85
PERCENTS ARE BASED ON A TOTAL N OF:	95205	109555	114746	115034	121433	123024	127392	127452	143388	155694	153707

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	18674	13139	12515	10977	9985	9601	9274	9006	9589	9739	7647
COMPUTER SCIENCE	9801	12754	17656	23848	29761	40956	56219	71866	69421	50613	36980
PHYSICAL SCIENCES											
ASTRONOMY	887	1040	1151	1313	1402	1251	1399	1223	1039	1066	1597
CHEMISTRY	2898	4659	4731	4718	4533	4406	4100	3897	4110	4201	3590
PHYSICS	1924	2974	3340	3331	3489	3289	3082	2910	3073	3269	2875
ARCHITECTURE/ENVIR. ENG.	14866	14008	15289	15753	16878	16456	15329	13044	12734	13551	15592
ENGINEERING											
AEROSPACE ENGINEERING	4345	8198	10283	11901	13165	14294	15741	14726	15433	16234	17365
ELECTRICAL ENGINEERING	8787	13792	16079	17337	18837	20019	21408	22718	24204	24281	23461
CHEMICAL ENGINEERING	2538	4251	4927	5405	6350	7037	8061	7733	6085	5558	5386
MECHANICAL ENGINEERING	4247	7049	8654	9658	10430	11164	11535	10814	9907	9992	9603
CIVIL ENGINEERING	3564	4812	5249	5592	5666	5649	5362	4875	4508	4382	4960
OTHER ENGINEERING	25949	25390	29823	33303	36428	38031	40286	38026	34315	32488	37579
LIFE SCIENCES											
AGRICULTURE	16016	12211	11527	10589	9887	9406	8401	7317	6219	5579	6889
BIOLOGICAL SCIENCES	57032	26529	27048	25694	23694	23131	22464	21407	21784	21777	24063
EARTH & ENVIRONMENTAL SCI.	8633	12434	12803	12470	10766	10046	9250	7784	6658	6707	8116
PSYCHOLOGY											
CHILD PSYCHOLOGY	4370	5673	7013	7535	7461	7517	7418	6905	7180	8688	6886
GENERAL PSYCHOLOGY	20296	15797	17600	18113	18158	17528	17344	16788	17152	20179	25418
SOCIAL PSYCHOLOGY	3236	3859	4235	4389	4233	4077	4105	3800	4167	4840	2871
SOCIAL SCIENCES											
ECONOMICS	1208	1529	1725	1860	2042	2091	2029	1860	1977	2004	2008
INTERNATIONAL RELATIONS	1069	1462	1523	1657	1725	2009	2214	2314	3002	3334	3921
LAW ENFORCEMENT	580	10023	9799	8189	6703	5852	5461	6172	6953	7341	12365
POLITICAL SCIENCE	0	9362	6461	5652	5648	6152	6243	5634	5530	6174	7654
SOCIOLOGY	0	2914	2903	2486	2160	1855	1593	1258	1264	1333	1791
OTHER SOCIAL SCIENCES	32251	20723	24355	23407	20530	18043	15980	14282	14063	14494	14198
INTERDISCIPL./OTHER SCIENCES	12749	4839	5396	5328	4654	4099	3822	3511	3408	3195	2206
TOTAL OF SCIENCE, MATH & ENGINEERING	255920	239421	262085	270505	274585	283959	298120	299870	293775	281019	285021

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NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	9632	6396	5920	5081	4406	4234	3967	3774	3907	3881	3275
COMPUTER SCIENCE	5334	6424	8486	11209	13547	18309	24673	32291	32788	25292	17625
PHYSICAL SCIENCES											
ASTRONOMY	637	742	778	850	926	852	925	823	631	664	1018
CHEMISTRY	1738	2733	2687	2651	2495	2429	2116	1913	2009	2069	1800
PHYSICS	1502	2315	2557	2543	2611	2423	2260	2105	2240	2317	2030
ARCHITECTURE/ENVIR. ENG.	10714	9255	9961	9980	10215	9985	9148	7866	7612	8143	9021
ENGINEERING											
AEROSPACE ENGINEERING	3399	6385	7747	8798	9595	10346	11585	10788	11134	11730	12022
ELECTRICAL ENGINEERING	6738	10408	11816	12517	13040	13687	14279	14764	15550	15396	14000
CHEMICAL ENGINEERING	1736	2847	3174	3342	3795	4100	4609	4347	3422	3124	2999
MECHANICAL ENGINEERING	3397	5513	6720	7386	7827	8355	8384	7947	7164	7175	6735
CIVIL ENGINEERING	2748	3479	3828	3944	3872	3869	3576	3275	2951	2883	3330
OTHER ENGINEERING	20974	18303	20935	22976	24142	24927	25765	23814	21448	20061	22204
LIFE SCIENCES											
AGRICULTURE	9708	5992	5853	5557	5052	4871	4426	3916	3395	3023	3578
BIOLOGICAL SCIENCES	27875	10380	10344	9760	8824	8480	8125	7613	7467	7615	8090
EARTH & ENVIRONMENTAL SCI.	5664	7929	8079	7719	6586	6087	5563	4652	3921	3752	4235
PSYCHOLOGY											
CHILD PSYCHOLOGY	349	416	500	500	475	457	400	426	434	460	293
GENERAL PSYCHOLOGY	5250	3731	3807	3680	3515	3356	3325	3188	3325	3784	4566
SOCIAL PSYCHOLOGY	734	759	736	745	661	645	672	681	698	805	456
SOCIAL SCIENCES											
ECONOMICS	748	859	894	1007	1057	1082	1028	920	1010	1007	1050
INTERNATIONAL RELATIONS	326	480	485	506	505	620	633	693	880	949	1076
LAW ENFORCEMENT	147	5708	5517	4671	3791	3320	3266	3722	4210	4467	6202
POLITICAL SCIENCE	0	4636	3090	2571	2613	2939	2955	2652	2568	2948	3550
SOCIOLOGY	0	458	439	374	310	281	254	227	189	214	299
OTHER SOCIAL SCIENCES	15235	5391	6266	6050	5244	4760	4356	4159	3985	4068	3954
INTERDISCIPL./OTHER SCIENCES	8873	3144	3453	3255	2851	2471	2268	1989	1867	1789	1231
TOTAL OF SCIENCE, MATH & ENGINEERING	143458	124683	134072	137672	137955	142885	148558	148545	144805	137616	134639

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	6859	5048	4886	4278	4080	3973	3912	3862	4287	4282	3147
COMPUTER SCIENCE	2296	3221	4648	6585	8615	12093	17191	20659	17565	10413	6740
PHYSICAL SCIENCES											
ASTRONOMY	142	171	220	268	253	221	302	229	235	252	356
CHEMISTRY	724	1253	1257	1339	1317	1253	1281	1283	1361	1356	1124
PHYSICS	157	272	309	305	352	377	319	328	373	440	376
ARCHITECTURE/ENVIR. ENG.	1931	2161	2392	2659	3019	2856	2722	2232	2229	2382	2781
ENGINEERING											
AEROSPACE ENGINEERING	176	426	629	779	933	1036	1178	1137	1237	1319	1517
ELECTRICAL ENGINEERING	165	357	427	599	766	904	1112	1371	1443	1369	1122
CHEMICAL ENGINEERING	364	666	839	991	1237	1483	1786	1841	1360	1220	1163
MECHANICAL ENGINEERING	115	228	322	428	580	614	705	635	629	644	588
CIVIL ENGINEERING	238	380	372	443	472	516	528	455	451	410	437
OTHER ENGINEERING	1692	2780	3404	4183	5094	5667	6608	6383	5700	5333	5516
LIFE SCIENCES											
AGRICULTURE	5111	5102	4581	4037	3817	3616	3128	2668	2196	2014	2595
BIOLOGICAL SCIENCES	22107	11964	12138	11593	10608	10418	10007	9534	9597	9479	10112
EARTH & ENVIRONMENTAL SCI.	2137	3363	3474	3542	3091	2930	2772	2393	2080	2295	3052
PSYCHOLOGY											
CHILD PSYCHOLOGY	2947	3844	4702	5165	5175	5272	5356	5073	5326	6565	5174
GENERAL PSYCHOLOGY	11761	9022	10431	11036	11227	11016	11047	10808	11041	13148	16184
SOCIAL PSYCHOLOGY	1827	2332	2596	2714	2716	2677	2703	2479	2743	3094	1933
SOCIAL SCIENCES											
ECONOMICS	260	386	454	502	580	596	593	568	561	591	481
INTERNATIONAL RELATIONS	571	748	791	866	905	1025	1168	1191	1618	1877	2166
LAW ENFORCEMENT	298	2828	2650	2193	1729	1467	1243	1415	1567	1664	3442
POLITICAL SCIENCE	0	3159	2179	1987	1905	2088	2208	1987	2026	2157	2777
SOCIOLOGY	0	1619	1610	1397	1229	1112	928	721	756	802	1031
OTHER SOCIAL SCIENCES	13029	11116	12881	12624	11179	9659	8501	7459	7564	7724	7635
INTERDISCIPL./OTHER SCIENCES	2694	1113	1287	1418	1240	1088	1060	1010	1075	950	678
TOTAL OF SCIENCE, MATH & ENGINEERING	77601	73559	79479	81931	82119	83957	88358	87721	85020	81780	82127

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	476	320	322	320	266	281	260	239	211	262	168
COMPUTER SCIENCE	612	812	1134	1329	1604	2217	2835	3919	4037	3251	2795
PHYSICAL SCIENCES											
ASTRONOMY	24	22	28	23	36	38	36	29	28	29	29
CHEMISTRY	92	114	129	142	110	118	103	107	95	98	87
PHYSICS	44	63	63	58	74	66	59	66	44	81	52
ARCHITECTURE/ENVIR. ENG.	730	730	868	879	985	922	900	763	712	700	764
ENGINEERING											
AEROSPACE ENGINEERING	290	440	592	733	789	833	827	744	837	714	786
ELECTRICAL ENGINEERING	890	1210	1495	1507	1803	1765	1784	1917	1904	1956	2050
CHEMICAL ENGINEERING	125	175	199	210	285	294	323	287	238	204	206
MECHANICAL ENGINEERING	284	408	478	596	615	672	707	651	532	560	528
CIVIL ENGINEERING	144	253	294	323	316	320	305	260	246	233	248
OTHER ENGINEERING	986	1163	1473	1555	1749	1758	1724	1629	1485	1455	1874
LIFE SCIENCES											
AGRICULTURE	202	172	186	196	197	163	146	117	108	95	110
BIOLOGICAL SCIENCES	1198	645	666	630	573	591	594	513	541	491	557
EARTH & ENVIRONMENTAL SCI.	142	163	213	207	151	130	117	95	79	76	87
PSYCHOLOGY											
CHILD PSYCHOLOGY	86	122	139	138	130	104	84	73	68	79	53
GENERAL PSYCHOLOGY	514	433	405	388	369	320	291	267	277	299	412
SOCIAL PSYCHOLOGY	144	111	124	116	112	82	93	74	77	102	41
SOCIAL SCIENCES											
ECONOMICS	38	63	80	64	58	69	61	47	60	61	68
INTERNATIONAL RELATIONS	20	17	21	26	27	30	29	39	25	26	33
LAW ENFORCEMENT	32	283	287	242	219	207	197	238	279	263	590
POLITICAL SCIENCE	0	325	249	265	266	234	227	182	176	194	218
SOCIOLOGY	0	137	142	110	83	76	50	48	43	48	63
OTHER SOCIAL SCIENCES	783	521	647	576	503	464	399	307	308	280	235
INTERDISCIPL./OTHER SCIENCES	198	73	93	93	53	74	57	50	42	47	25
TOTAL OF SCIENCE, MATH & ENGINEERING	8054	8775	10327	10726	11373	11828	12208	12661	12452	11604	12079

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	504	404	385	343	321	263	258	234	268	320	215
COMPUTER SCIENCE	591	750	1112	1449	1896	2760	3678	4964	4890	3637	3360
PHYSICAL SCIENCES											
ASTRONOMY	4	9	8	8	10	7	5	6	10	3	11
CHEMISTRY	70	114	149	137	145	123	131	136	146	142	104
PHYSICS	8	15	23	17	19	21	22	19	28	20	15
ARCHITECTURE/ENVIR. ENG.	125	214	269	302	339	339	323	224	236	247	261
ENGINEERING											
AEROSPACE ENGINEERING	17	35	61	87	102	99	122	117	142	141	148
ELECTRICAL ENGINEERING	52	122	150	221	281	330	418	405	498	482	558
CHEMICAL ENGINEERING	56	124	160	184	235	261	287	311	253	243	243
MECHANICAL ENGINEERING	21	39	64	68	94	111	149	126	127	118	118
CIVIL ENGINEERING	32	66	78	111	133	120	138	92	93	70	108
OTHER ENGINEERING	187	364	497	618	810	870	960	941	845	787	1131
LIFE SCIENCES											
AGRICULTURE	106	89	70	84	76	70	57	46	57	55	83
BIOLOGICAL SCIENCES	1476	825	877	782	839	842	833	802	888	823	1051
EARTH & ENVIRONMENTAL SCI.	44	58	87	73	68	79	69	53	44	47	46
PSYCHOLOGY											
CHILD PSYCHOLOGY	612	791	968	1009	978	895	782	612	617	707	558
GENERAL PSYCHOLOGY	1302	1070	1301	1272	1252	1132	993	877	853	984	1445
SOCIAL PSYCHOLOGY	259	321	350	374	359	294	275	212	241	281	147
SOCIAL SCIENCES											
ECONOMICS	23	26	44	47	59	58	50	50	32	42	59
INTERNATIONAL RELATIONS	32	45	42	40	52	45	69	74	67	74	83
LAW ENFORCEMENT	58	274	312	261	255	244	171	193	204	205	830
POLITICAL SCIENCE	0	408	341	289	287	279	268	241	233	263	296
SOCIOLOGY	0	420	402	350	299	222	211	117	123	134	206
OTHER SOCIAL SCIENCES	1101	1576	1965	1817	1522	1284	1055	805	778	824	724
INTERDISCIPL./OTHER SCIENCES	149	57	76	49	69	51	51	45	40	49	29
TOTAL OF SCIENCE, MATH & ENGINEERING	6829	8216	9791	9992	10500	10799	11375	11702	11713	10698	11829

NUMBER OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	1203	971	1002	955	912	850	877	897	916	994	842
COMPUTER SCIENCE	968	1547	2276	3276	4099	5577	7842	10033	10141	8020	6460
PHYSICAL SCIENCES											
ASTRONOMY	80	96	117	164	177	133	131	136	135	118	183
CHEMISTRY	274	445	509	449	466	483	469	458	499	536	475
PHYSICS	213	309	388	408	433	402	422	392	388	411	402
ARCHITECTURE/ENVIR. ENG.	1366	1648	1799	1933	2320	2354	2236	1959	1945	2079	2765
ENGINEERING											
AEROSPACE ENGINEERING	463	912	1254	1504	1746	1980	2029	1940	2083	2330	2892
ELECTRICAL ENGINEERING	942	1695	2191	2493	2947	3333	3815	4261	4809	5078	5731
CHEMICAL ENGINEERING	257	439	555	678	798	899	1056	947	812	767	775
MECHANICAL ENGINEERING	430	861	1070	1180	1314	1412	1590	1455	1455	1495	1634
CIVIL ENGINEERING	402	634	677	771	873	824	815	793	767	786	837
OTHER ENGINEERING	2110	2780	3514	3971	4633	4809	5229	5259	4837	4852	6854
LIFE SCIENCES											
AGRICULTURE	889	856	837	715	745	686	644	570	463	392	523
BIOLOGICAL SCIENCES	4376	2715	3023	2929	2850	2800	2905	2945	3291	3369	4253
EARTH & ENVIRONMENTAL SCI.	646	921	950	929	870	820	729	591	534	537	696
PSYCHOLOGY											
CHILD PSYCHOLOGY	376	500	704	723	703	789	796	721	735	877	808
GENERAL PSYCHOLOGY	1469	1541	1656	1737	1795	1704	1688	1648	1656	1964	2811
SOCIAL PSYCHOLOGY	272	336	429	440	385	379	362	354	408	558	294
SOCIAL SCIENCES											
ECONOMICS	139	195	253	240	288	286	297	275	314	303	350
INTERNATIONAL RELATIONS	120	172	184	219	236	289	315	317	412	408	563
LAW ENFORCEMENT	45	930	1033	822	709	614	584	604	693	742	1301
POLITICAL SCIENCE	0	834	602	540	577	612	585	572	527	612	813
SOCIOLOGY	0	280	310	255	239	164	150	145	153	135	192
OTHER SOCIAL SCIENCES	2103	2119	2596	2340	2082	1876	1669	1552	1428	1598	1650
INTERDISCIPL./OTHER SCIENCES	835	452	487	513	441	415	386	417	384	360	243
TOTAL OF SCIENCE, MATH & ENGINEERING	19978	24188	28416	30184	32638	34490	37621	39241	39785	39321	44347

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	465	464	464	459	455	456	455	452	457	459	469
COMPUTER SCIENCE	439	439	436	432	429	427	426	422	420	423	413
PHYSICAL SCIENCES	520	518	517	516	513	515	514	513	514	521	526
ARCHITECTURE/ENVIR. ENG.	432	424	423	418	415	414	413	412	415	420	419
ENGINEERING	453	451	450	448	446	448	451	450	455	456	455
LIFE SCIENCES	468	461	460	457	453	455	456	457	462	467	464
EARTH & ENVIRONMENTAL SCI.	464	457	456	453	451	451	449	451	454	457	458
PSYCHOLOGY	451	444	439	435	434	433	435	437	436	440	441
SOCIAL SCIENCES	476	449	443	443	445	446	453	454	457	461	453
INTERDISCIPL./OTHER SCIENCES	499	515	512	509	506	510	507	503	509	507	520
TOTAL OF SCIENCE, MATH & ENGINEERING	464	454	451	448	446	446	446	444	446	451	450

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	473	474	479	477	471	472	468	467	470	476	484
COMPUTER SCIENCE	461	464	464	461	457	456	452	450	452	457	454
PHYSICAL SCIENCES	531	528	532	530	527	530	530	529	534	539	541
ARCHITECTURE/ENVIR. ENG.	435	431	430	427	424	425	423	422	425	428	429
ENGINEERING	462	459	461	458	456	460	462	463	470	470	474
LIFE SCIENCES	467	456	456	453	449	453	454	456	463	466	466
EARTH & ENVIRONMENTAL SCI.	462	452	454	451	448	451	447	449	452	456	456
PSYCHOLOGY	473	467	467	466	463	463	465	463	463	469	468
SOCIAL SCIENCES	485	464	459	459	462	466	468	466	469	472	468
INTERDISCIPL./OTHER SCIENCES	506	521	521	517	514	516	514	512	520	519	526
TOTAL OF SCIENCE, MATH & ENGINEERING	470	463	463	461	458	461	461	460	465	468	469

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	476	477	476	471	468	467	471	468	472	474	481
COMPUTER SCIENCE	462	460	457	453	448	444	443	437	431	433	424
PHYSICAL SCIENCES	526	527	523	523	520	519	515	513	515	521	528
ARCHITECTURE/ENVIR. ENG.	479	468	465	459	451	450	446	451	451	455	455
ENGINEERING	520	519	511	507	502	500	500	499	501	501	499
LIFE SCIENCES	484	482	482	478	475	474	477	478	483	487	484
EARTH & ENVIRONMENTAL SCI.	482	479	475	471	470	466	465	470	469	471	471
PSYCHOLOGY	461	458	452	448	447	444	444	444	444	446	448
SOCIAL SCIENCES	485	467	461	461	462	461	470	471	472	477	470
INTERDISCIPL./OTHER SCIENCES	496	527	521	518	512	519	519	511	517	516	525
TOTAL OF SCIENCE, MATH & ENGINEERING	480	475	471	468	466	464	465	463	463	468	467

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	335	327	316	326	309	322	320	330	323	332	377
COMPUTER SCIENCE	341	345	349	341	342	345	357	350	348	354	347
PHYSICAL SCIENCES	407	405	413	399	414	410	414	425	405	420	431
ARCHITECTURE/ENVIR. ENG.	345	325	337	328	330	328	340	335	339	343	347
ENGINEERING	351	356	364	359	361	362	371	367	371	374	378
LIFE SCIENCES	369	356	356	350	351	362	372	368	367	378	382
EARTH & ENVIRONMENTAL SCI.	384	374	372	374	379	368	378	369	368	392	378
PSYCHOLOGY	368	355	357	347	351	350	362	370	358	380	382
SOCIAL SCIENCES	372	349	345	345	350	353	360	359	353	366	357
INTERDISCIPL./OTHER SCIENCES	388	357	369	384	385	401	398	397	365	391	434
TOTAL OF SCIENCE, MATH & ENGINEERING	358	352	356	351	353	355	364	360	360	367	368

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	343	336	344	326	328	336	331	350	345	344	365
COMPUTER SCIENCE	333	334	338	327	331	331	338	331	330	329	323
PHYSICAL SCIENCES	385	372	380	382	383	387	393	388	386	410	410
ARCHITECTURE/ENVIR. ENG.	371	353	359	351	341	344	340	354	352	362	365
ENGINEERING	396	411	400	395	392	386	393	394	392	388	384
LIFE SCIENCES	379	370	368	369	370	373	380	382	385	393	386
EARTH & ENVIRONMENTAL SCI.	410	398	394	393	372	372	389	385	398	393	378
PSYCHOLOGY	360	354	350	345	346	348	354	356	361	366	374
SOCIAL SCIENCES	368	331	333	329	330	331	347	353	351	354	341
INTERDISCIPL./OTHER SCIENCES	356	361	353	344	357	384	369	387	386	383	438
TOTAL OF SCIENCE, MATH & ENGINEERING	365	351	351	347	349	349	357	354	354	358	357

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	439	429	411	408	409	402	398	383	390	396	410
COMPUTER SCIENCE	392	390	381	374	378	375	374	372	368	372	365
PHYSICAL SCIENCES	486	476	464	471	464	467	466	470	458	468	483
ARCHITECTURE/ENVIR. ENG.	397	381	376	371	377	372	370	365	368	380	376
ENGINEERING	406	401	396	395	398	398	400	395	400	401	401
LIFE SCIENCES	449	431	429	427	420	425	425	424	429	437	434
EARTH & ENVIRONMENTAL SCI.	445	430	425	428	422	421	421	415	426	429	431
PSYCHOLOGY	428	414	405	401	401	399	405	405	400	409	407
SOCIAL SCIENCES	455	415	408	407	413	410	415	413	419	423	419
INTERDISCIPL./OTHER SCIENCES	480	490	478	472	477	487	459	466	463	460	492
TOTAL OF SCIENCE, MATH & ENGINEERING	433	414	406	402	403	400	400	395	397	403	403

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	106	110	111	116	114	114	114	114	113	114	113
COMPUTER SCIENCE	110	112	112	112	109	109	107	106	108	110	112
PHYSICAL SCIENCES	112	113	116	120	117	117	114	117	117	118	115
ARCHITECTURE/ENVIR. ENG.	102	102	102	103	101	101	101	99	102	100	100
ENGINEERING	108	108	108	110	108	108	107	108	110	110	111
LIFE SCIENCES	105	109	110	111	111	112	112	112	114	114	114
EARTH & ENVIRONMENTAL SCI.	98	98	98	98	97	99	96	97	98	98	97
PSYCHOLOGY	103	104	104	103	103	103	101	99	100	99	99
SOCIAL SCIENCES	111	116	116	117	117	117	118	117	117	118	121
INTERDISCIPL./OTHER SCIENCES	112	112	112	117	112	114	113	115	113	116	110
TOTAL OF SCIENCE, MATH & ENGINEERING	108	111	111	112	111	111	110	110	112	112	113

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	105	107	107	112	110	110	109	110	110	111	110
COMPUTER SCIENCE	104	104	104	104	101	102	101	99	101	102	101
PHYSICAL SCIENCES	104	104	106	111	106	107	107	108	107	108	107
ARCHITECTURE/ENVIR. ENG.	96	94	95	95	94	94	94	92	95	93	93
ENGINEERING	101	100	100	101	100	100	99	99	100	101	99
LIFE SCIENCES	102	105	107	108	106	107	109	107	111	112	110
EARTH & ENVIRONMENTAL SCI.	96	95	94	95	93	96	94	92	94	95	94
PSYCHOLOGY	102	98	100	100	99	99	98	99	100	99	99
SOCIAL SCIENCES	109	113	112	113	113	113	113	114	115	116	117
INTERDISCIPL./OTHER SCIENCES	107	105	103	111	106	109	105	108	107	109	104
TOTAL OF SCIENCE, MATH & ENGINEERING	104	104	105	106	104	104	103	102	104	105	104

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	95	97	97	101	100	100	99	99	99	100	98
COMPUTER SCIENCE	99	98	98	97	96	96	95	94	94	96	100
PHYSICAL SCIENCES	106	107	109	115	112	110	106	108	106	110	108
ARCHITECTURE/ENVIR. ENG.	101	99	100	100	99	98	97	95	98	97	96
ENGINEERING	99	99	97	99	99	99	97	95	95	96	96
LIFE SCIENCES	101	103	103	103	105	106	106	104	106	106	106
EARTH & ENVIRONMENTAL SCI.	95	98	97	98	97	98	93	96	99	98	95
PSYCHOLOGY	95	96	97	96	97	96	95	93	95	94	94
SOCIAL SCIENCES	104	104	106	107	108	107	109	107	108	109	112
INTERDISCIPL./OTHER SCIENCES	111	110	107	108	109	108	105	107	106	110	105
TOTAL OF SCIENCE, MATH & ENGINEERING	101	103	103	104	104	103	102	101	103	103	104

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	99	95	92	102	88	107	98	105	88	92	101
COMPUTER SCIENCE	90	93	89	91	87	93	94	91	93	91	90
PHYSICAL SCIENCES	111	113	124	112	120	112	111	110	115	106	101
ARCHITECTURE/ENVIR. ENG.	96	85	89	88	91	90	90	90	85	87	86
ENGINEERING	98	100	102	99	100	100	100	100	101	101	101
LIFE SCIENCES	104	101	100	104	108	107	107	106	107	109	106
EARTH & ENVIRONMENTAL SCI.	110	100	102	105	99	97	105	95	93	102	86
PSYCHOLOGY	98	94	98	92	95	95	95	100	94	96	98
SOCIAL SCIENCES	105	104	100	102	104	104	107	113	109	110	112
INTERDISCIPL./OTHER SCIENCES	103	104	121	111	106	109	123	124	99	111	110
TOTAL OF SCIENCE, MATH & ENGINEERING	101	100	100	99	99	100	100	99	99	100	100

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	86	98	93	95	93	93	96	95	95	97	99
COMPUTER SCIENCE	82	90	89	82	89	86	88	86	84	84	82
PHYSICAL SCIENCES	112	111	120	111	120	107	103	112	100	115	115
ARCHITECTURE/ENVIR. ENG.	88	101	97	98	85	93	91	83	89	98	90
ENGINEERING	101	102	104	104	99	99	99	100	99	95	95
LIFE SCIENCES	104	106	103	108	108	105	102	108	105	104	105
EARTH & ENVIRONMENTAL SCI.	99	117	105	104	96	84	97	112	112	94	111
PSYCHOLOGY	93	93	92	91	88	93	93	93	94	93	93
SOCIAL SCIENCES	100	97	95	90	96	96	106	107	103	104	101
INTERDISCIPL./OTHER SCIENCES	95	105	108	94	107	112	105	121	108	113	127
TOTAL OF SCIENCE, MATH & ENGINEERING	98	100	98	97	97	97	98	98	96	97	98

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	122	134	129	132	135	138	135	136	135	130	138
COMPUTER SCIENCE	113	116	115	115	112	113	112	112	111	112	115
PHYSICAL SCIENCES	138	142	137	143	141	141	135	141	141	140	139
ARCHITECTURE/ENVIR. ENG.	111	107	108	108	106	102	104	102	107	105	105
ENGINEERING	121	120	120	120	118	117	120	120	123	122	123
LIFE SCIENCES	119	122	122	124	124	125	126	127	128	129	128
EARTH & ENVIRONMENTAL SCI.	109	105	108	107	101	104	108	106	106	107	106
PSYCHOLOGY	110	110	108	107	108	108	104	106	105	105	103
SOCIAL SCIENCES	125	124	123	125	126	125	125	123	125	126	129
INTERDISCIPL./OTHER SCIENCES	127	132	135	142	134	129	144	139	135	135	138
TOTAL OF SCIENCE, MATH & ENGINEERING	122	122	121	122	120	120	120	120	122	122	123

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	465	464	464	459	455	456	455	452	457	459	469
COMPUTER SCIENCE	439	439	436	432	429	427	426	422	420	423	413
PHYSICAL SCIENCES											
ASTRONOMY	507	512	506	501	501	502	504	505	504	511	526
CHEMISTRY	502	496	495	493	489	491	490	489	489	495	500
PHYSICS	554	553	551	555	548	553	551	548	552	557	558
ARCHITECTURE/ENVIR. ENG.	432	424	423	418	415	414	413	412	415	420	419
ENGINEERING											
AEROSPACE ENGINEERING	445	448	451	452	451	455	460	461	469	472	472
ELECTRICAL ENGINEERING	437	437	436	434	430	435	435	434	442	442	436
CHEMICAL ENGINEERING	499	500	496	491	491	490	491	490	489	492	490
MECHANICAL ENGINEERING	430	428	430	427	425	428	429	430	434	437	442
CIVIL ENGINEERING	446	438	439	432	429	431	434	433	435	436	436
OTHER ENGINEERING	460	459	457	455	453	454	456	456	461	459	460
LIFE SCIENCES											
AGRICULTURE	426	420	412	407	402	403	401	399	399	399	404
BIOLOGICAL SCIENCES	480	480	480	477	474	476	477	477	480	484	480
EARTH & ENVIRONMENTAL SCI.	464	457	456	453	451	451	449	451	454	457	458
PSYCHOLOGY											
CHILD PSYCHOLOGY	424	416	407	404	404	401	403	408	407	413	415
GENERAL PSYCHOLOGY	457	456	452	449	447	447	449	449	449	452	448
SOCIAL PSYCHOLOGY	451	438	438	434	433	433	436	435	434	439	439
SOCIAL SCIENCES											
ECONOMICS	511	510	508	513	512	507	509	511	513	515	519
INTERNATIONAL RELATIONS	528	532	531	532	529	526	531	530	533	542	544
LAW ENFORCEMENT	419	393	386	384	380	381	381	383	384	387	381
POLITICAL SCIENCE	0	501	497	495	490	489	495	493	498	504	507
SOCIOLOGY	0	420	417	417	416	418	420	424	420	425	414
OTHER SOCIAL SCIENCES	474	447	444	442	443	440	448	452	456	457	458
INTERDISCIPL./OTHER SCIENCES	499	515	512	509	506	510	507	503	509	507	520
TOTAL OF SCIENCE, MATH & ENGINEERING	464	454	451	448	446	446	446	444	446	451	450

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	473	474	479	477	471	472	468	467	470	476	484
COMPUTER SCIENCE	461	464	464	461	457	456	452	450	452	457	454
PHYSICAL SCIENCES											
ASTRONOMY	514	516	512	510	514	512	513	510	517	519	534
CHEMISTRY	511	506	509	504	501	505	503	507	507	511	514
PHYSICS	563	558	561	564	555	562	563	557	564	571	569
ARCHITECTURE/ENVIR. ENG.	435	431	430	427	424	425	423	422	425	428	429
ENGINEERING											
AEROSPACE ENGINEERING	456	457	463	464	462	469	472	471	481	483	485
ELECTRICAL ENGINEERING	455	453	454	453	450	454	454	456	465	468	467
CHEMICAL ENGINEERING	512	511	508	504	504	502	503	505	505	509	508
MECHANICAL ENGINEERING	445	441	444	442	437	442	442	446	451	452	458
CIVIL ENGINEERING	452	446	452	443	442	444	446	445	451	450	448
OTHER ENGINEERING	465	464	464	461	459	461	462	464	470	468	477
LIFE SCIENCES											
AGRICULTURE	416	407	401	398	393	396	392	390	393	390	395
BIOLOGICAL SCIENCES	485	484	487	484	480	486	487	490	495	496	497
EARTH & ENVIRONMENTAL SCI.	462	452	454	451	448	451	447	449	452	456	456
PSYCHOLOGY											
CHILD PSYCHOLOGY	444	428	419	428	428	427	422	420	428	431	424
GENERAL PSYCHOLOGY	475	475	475	472	469	470	471	471	469	474	471
SOCIAL PSYCHOLOGY	472	454	460	465	456	455	463	452	457	468	468
SOCIAL SCIENCES											
ECONOMICS	524	528	526	526	517	520	519	524	530	529	537
INTERNATIONAL RELATIONS	543	549	548	561	546	543	555	557	558	565	564
LAW ENFORCEMENT	427	396	394	391	389	393	391	391	396	397	397
POLITICAL SCIENCE	0	514	512	512	509	507	509	512	518	521	526
SOCIOLOGY	0	455	450	452	461	457	450	453	460	465	463
OTHER SOCIAL SCIENCES	483	476	473	470	472	470	474	477	481	484	485
INTERDISCIPL./OTHER SCIENCES	506	521	521	517	514	516	514	512	520	519	526
TOTAL OF SCIENCE, MATH & ENGINEERING	470	463	463	461	458	461	461	460	465	468	469

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	476	477	476	471	468	467	471	468	472	474	481
COMPUTER SCIENCE	462	460	457	453	448	444	443	437	431	433	424
PHYSICAL SCIENCES											
ASTRONOMY	511	539	523	513	512	519	517	522	517	530	536
CHEMISTRY	523	514	510	512	507	504	505	499	501	507	511
PHYSICS	557	581	575	579	573	570	552	564	565	559	568
ARCHITECTURE/ENVIR. ENG.	479	468	465	459	451	450	446	451	451	455	455
ENGINEERING											
AEROSPACE ENGINEERING	509	498	491	485	486	485	490	495	501	496	499
ELECTRICAL ENGINEERING	528	515	504	508	501	501	496	498	500	499	488
CHEMICAL ENGINEERING	538	541	535	526	525	521	520	515	517	520	510
MECHANICAL ENGINEERING	504	485	486	482	477	485	481	475	474	484	482
CIVIL ENGINEERING	507	512	499	491	489	477	488	480	480	491	486
OTHER ENGINEERING	520	520	513	511	503	501	501	499	502	502	502
LIFE SCIENCES											
AGRICULTURE	454	445	438	432	428	427	427	426	424	426	430
BIOLOGICAL SCIENCES	491	498	498	494	492	490	493	493	496	500	498
EARTH & ENVIRONMENTAL SCI.	482	479	475	471	470	466	465	470	469	471	471
PSYCHOLOGY											
CHILD PSYCHOLOGY	445	437	428	425	424	418	417	421	419	424	426
GENERAL PSYCHOLOGY	465	469	464	460	457	456	456	456	456	458	455
SOCIAL PSYCHOLOGY	466	453	451	447	447	445	444	443	442	444	443
SOCIAL SCIENCES											
ECONOMICS	522	526	524	534	537	520	525	521	522	524	531
INTERNATIONAL RELATIONS	539	536	541	538	543	537	541	538	539	546	550
LAW ENFORCEMENT	450	413	401	399	396	393	388	400	393	396	397
POLITICAL SCIENCE	0	516	514	513	508	502	510	506	505	513	513
SOCIOLOGY	0	450	444	444	441	439	441	441	438	440	431
OTHER SOCIAL SCIENCES	483	463	460	457	456	453	460	464	465	467	466
INTERDISCIPL./OTHER SCIENCES	496	527	521	518	512	519	519	511	517	516	525
TOTAL OF SCIENCE, MATH & ENGINEERING	480	475	471	468	466	464	465	463	463	468	467

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	335	327	316	326	309	322	320	330	323	332	377
COMPUTER SCIENCE	341	345	349	341	342	345	357	350	348	354	347
PHYSICAL SCIENCES											
ASTRONOMY	383	378	387	365	388	398	401	454	425	383	436
CHEMISTRY	392	385	400	386	383	391	384	386	404	394	408
PHYSICS	451	451	449	444	474	450	475	476	396	464	469
ARCHITECTURE/ENVIR. ENG.	345	325	337	328	330	328	340	335	339	343	347
ENGINEERING											
AEROSPACE ENGINEERING	371	371	377	382	384	384	399	395	401	404	413
ELECTRICAL ENGINEERING	342	347	359	346	346	350	361	356	363	367	367
CHEMICAL ENGINEERING	383	426	421	413	424	416	418	413	407	418	433
MECHANICAL ENGINEERING	328	329	342	337	345	340	349	351	351	355	374
CIVIL ENGINEERING	370	371	375	365	368	366	372	372	366	379	368
OTHER ENGINEERING	353	357	363	360	360	362	367	365	366	370	373
LIFE SCIENCES											
AGRICULTURE	301	301	303	297	301	298	314	288	289	305	312
BIOLOGICAL SCIENCES	380	371	371	367	369	379	387	386	383	392	395
EARTH & ENVIRONMENTAL SCI.	384	374	372	374	379	368	378	369	368	392	378
PSYCHOLOGY											
CHILD PSYCHOLOGY	321	321	317	323	321	318	331	339	347	338	330
GENERAL PSYCHOLOGY	377	364	369	355	362	362	372	382	366	390	389
SOCIAL PSYCHOLOGY	363	354	361	350	348	346	360	359	339	381	383
SOCIAL SCIENCES											
ECONOMICS	425	405	403	422	434	437	418	423	433	428	432
INTERNATIONAL RELATIONS	403	461	391	455	386	418	439	439	497	473	519
LAW ENFORCEMENT	322	313	312	309	309	312	324	309	298	316	315
POLITICAL SCIENCE	0	390	391	384	375	380	388	391	392	414	425
SOCIOLOGY	0	324	317	317	310	323	337	335	318	359	333
OTHER SOCIAL SCIENCES	370	340	340	333	349	345	349	362	359	358	362
INTERDISCIPL./OTHER SCIENCES	388	357	369	384	385	401	398	397	365	391	434
TOTAL OF SCIENCE, MATH & ENGINEERING	358	352	356	351	353	355	364	360	360	367	368

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	343	336	344	326	328	336	331	350	345	344	365
COMPUTER SCIENCE	333	334	338	327	331	331	338	331	330	329	323
PHYSICAL SCIENCES											
ASTRONOMY	355	472	413	380	344	373	368	385	464	307	489
CHEMISTRY	386	362	374	379	383	372	387	383	377	406	395
PHYSICS	384	395	406	410	399	483	433	427	408	448	458
ARCHITECTURE/ENVIR. ENG.	371	353	359	351	341	344	340	354	352	362	365
ENGINEERING											
AEROSPACE ENGINEERING	328	408	396	412	397	392	422	399	393	402	411
ELECTRICAL ENGINEERING	381	381	396	374	363	376	379	381	378	378	371
CHEMICAL ENGINEERING	411	417	417	405	410	401	408	415	410	408	407
MECHANICAL ENGINEERING	429	413	384	371	368	365	364	362	369	377	372
CIVIL ENGINEERING	386	397	365	379	381	368	373	388	366	374	388
OTHER ENGINEERING	400	422	404	404	400	390	398	397	400	388	384
LIFE SCIENCES											
AGRICULTURE	371	348	330	326	310	319	345	338	344	348	347
BIOLOGICAL SCIENCES	380	372	371	373	376	377	383	385	388	396	389
EARTH & ENVIRONMENTAL SCI.	410	398	394	393	372	372	389	385	398	393	378
PSYCHOLOGY											
CHILD PSYCHOLOGY	340	337	328	325	325	330	334	330	340	347	356
GENERAL PSYCHOLOGY	369	365	365	359	362	362	370	374	377	379	381
SOCIAL PSYCHOLOGY	363	357	353	350	347	348	354	354	363	369	372
SOCIAL SCIENCES											
ECONOMICS	411	353	402	402	404	382	432	464	435	418	434
INTERNATIONAL RELATIONS	405	452	437	415	438	451	449	474	486	452	501
LAW ENFORCEMENT	330	305	309	305	302	300	311	300	298	304	310
POLITICAL SCIENCE	0	388	372	368	376	379	383	375	378	392	388
SOCIOLOGY	0	321	327	320	323	317	332	332	316	342	314
OTHER SOCIAL SCIENCES	368	320	327	324	320	323	336	344	348	343	340
INTERDISCIPL./OTHER SCIENCES	356	361	353	344	357	384	369	387	386	383	438
TOTAL OF SCIENCE, MATH & ENGINEERING	365	351	351	347	349	349	357	354	354	358	357

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	439	429	411	408	409	402	398	383	390	396	410
COMPUTER SCIENCE	392	390	381	374	378	375	374	372	368	372	365
PHYSICAL SCIENCES											
ASTRONOMY	493	468	467	458	449	448	438	459	438	461	483
CHEMISTRY	458	449	442	446	432	444	440	442	433	444	461
PHYSICS	520	517	492	504	504	502	503	507	497	502	510
ARCHITECTURE/ENVIR. ENG.	397	381	376	371	377	372	370	365	368	380	376
ENGINEERING											
AEROSPACE ENGINEERING	395	402	395	402	410	404	407	408	418	424	422
ELECTRICAL ENGINEERING	390	390	382	380	383	386	387	379	389	386	381
CHEMICAL ENGINEERING	432	425	420	425	430	435	432	416	426	429	431
MECHANICAL ENGINEERING	361	376	369	365	373	371	375	366	374	381	388
CIVIL ENGINEERING	395	382	373	373	373	377	381	381	382	379	390
OTHER ENGINEERING	423	415	414	409	410	407	411	409	409	413	409
LIFE SCIENCES											
AGRICULTURE	409	391	379	374	366	365	367	361	359	360	370
BIOLOGICAL SCIENCES	457	443	443	440	434	439	438	436	439	446	442
EARTH & ENVIRONMENTAL SCI.	445	430	425	428	422	421	421	415	426	429	431
PSYCHOLOGY											
CHILD PSYCHOLOGY	399	388	378	370	370	366	377	380	370	382	381
GENERAL PSYCHOLOGY	437	424	414	415	413	414	418	415	413	419	414
SOCIAL PSYCHOLOGY	422	403	412	393	405	399	409	409	404	412	409
SOCIAL SCIENCES											
ECONOMICS	458	458	465	458	483	476	473	473	468	479	478
INTERNATIONAL RELATIONS	490	491	483	474	477	475	472	467	470	493	492
LAW ENFORCEMENT	372	356	352	348	347	344	345	349	348	354	343
POLITICAL SCIENCE	0	476	470	466	454	451	457	447	461	463	471
SOCIOLOGY	0	384	394	395	383	395	389	394	392	384	384
OTHER SOCIAL SCIENCES	454	410	408	404	411	398	406	406	415	416	421
INTERDISCIPL./OTHER SCIENCES	480	490	478	472	477	487	459	466	463	460	492
TOTAL OF SCIENCE, MATH & ENGINEERING	433	414	406	402	403	400	400	395	397	403	403

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	106	110	111	116	114	114	114	114	113	114	113
COMPUTER SCIENCE	110	112	112	112	109	109	107	106	108	110	112
PHYSICAL SCIENCES											
ASTRONOMY	117	116	118	121	121	120	113	112	120	120	116
CHEMISTRY	109	109	112	114	113	111	109	113	111	112	109
PHYSICS	107	110	112	117	111	113	112	115	115	114	114
ARCHITECTURE/ENVIR. ENG.	102	102	102	103	101	101	101	99	102	100	100
ENGINEERING											
AEROSPACE ENGINEERING	103	101	104	105	102	104	102	102	103	103	102
ELECTRICAL ENGINEERING	112	110	111	113	111	113	112	113	116	117	117
CHEMICAL ENGINEERING	106	105	106	108	106	105	103	104	105	107	104
MECHANICAL ENGINEERING	108	106	107	108	105	104	105	105	107	108	106
CIVIL ENGINEERING	101	102	102	102	101	101	101	100	104	103	101
OTHER ENGINEERING	107	108	107	109	107	107	106	106	108	108	111
LIFE SCIENCES											
AGRICULTURE	97	98	96	96	97	97	96	93	97	95	97
BIOLOGICAL SCIENCES	105	109	109	110	110	111	111	110	113	112	113
EARTH & ENVIRONMENTAL SCI.	98	98	98	98	97	99	96	97	98	98	97
PSYCHOLOGY											
CHILD PSYCHOLOGY	102	100	101	97	99	98	96	94	95	94	94
GENERAL PSYCHOLOGY	102	104	103	104	103	102	100	99	100	99	99
SOCIAL PSYCHOLOGY	104	102	100	102	101	100	99	98	99	98	97
SOCIAL SCIENCES											
ECONOMICS	111	118	121	120	118	118	112	112	115	115	114
INTERNATIONAL RELATIONS	109	111	112	116	114	110	111	110	108	106	102
LAW ENFORCEMENT	98	90	89	87	88	88	89	88	90	89	90
POLITICAL SCIENCE	0	109	112	115	113	113	110	111	110	110	108
SOCIOLOGY	0	109	106	106	111	107	107	106	109	107	109
OTHER SOCIAL SCIENCES	110	115	114	114	115	114	116	114	113	115	119
INTERDISCIPL./OTHER SCIENCES	112	112	112	117	112	114	113	115	113	116	110
TOTAL OF SCIENCE, MATH & ENGINEERING	108	111	111	112	111	111	110	110	112	112	113

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	105	107	107	112	110	110	109	110	110	111	110
COMPUTER SCIENCE	104	104	104	104	101	102	101	99	101	102	101
PHYSICAL SCIENCES											
ASTRONOMY	111	110	113	114	111	111	108	107	113	115	110
CHEMISTRY	100	98	102	104	103	102	102	104	100	103	101
PHYSICS	99	102	101	106	101	102	101	106	104	102	103
ARCHITECTURE/ENVIR. ENG.	96	94	95	95	94	94	94	92	95	93	93
ENGINEERING											
AEROSPACE ENGINEERING	96	95	97	99	97	97	96	96	96	97	94
ELECTRICAL ENGINEERING	105	102	103	105	102	104	102	103	105	105	103
CHEMICAL ENGINEERING	94	93	94	96	94	93	91	92	95	95	92
MECHANICAL ENGINEERING	99	98	99	100	98	97	97	97	97	99	97
CIVIL ENGINEERING	94	93	93	93	94	93	93	92	95	94	93
OTHER ENGINEERING	101	101	99	101	99	99	98	98	100	100	100
LIFE SCIENCES											
AGRICULTURE	91	92	91	90	90	90	92	87	91	90	90
BIOLOGICAL SCIENCES	100	101	102	104	102	103	103	100	104	105	103
EARTH & ENVIRONMENTAL SCI.	96	95	94	95	93	96	94	92	94	95	94
PSYCHOLOGY											
CHILD PSYCHOLOGY	98	90	96	94	96	90	96	95	95	101	88
GENERAL PSYCHOLOGY	101	98	100	99	99	99	97	98	100	99	99
SOCIAL PSYCHOLOGY	104	98	95	99	94	100	98	97	97	96	98
SOCIAL SCIENCES											
ECONOMICS	105	108	107	109	112	110	105	105	107	106	105
INTERNATIONAL RELATIONS	105	107	113	111	107	99	99	103	101	102	97
LAW ENFORCEMENT	91	85	85	83	83	84	86	84	86	87	87
POLITICAL SCIENCE	0	103	104	106	104	105	103	106	104	105	101
SOCIOLOGY	0	105	104	103	108	109	110	102	100	106	111
OTHER SOCIAL SCIENCES	108	111	108	109	108	111	110	111	111	112	115
INTERDISCIPL./OTHER SCIENCES	107	105	103	111	106	109	105	108	107	109	104
TOTAL OF SCIENCE, MATH & ENGINEERING	104	104	105	106	104	104	103	102	104	105	104

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	95	97	97	101	100	100	99	99	99	100	98
COMPUTER SCIENCE	99	98	98	97	96	96	95	94	94	96	100
PHYSICAL SCIENCES											
ASTRONOMY	110	110	117	115	116	120	104	110	114	115	112
CHEMISTRY	103	104	104	111	109	104	102	102	101	105	102
PHYSICS	109	100	108	115	106	110	115	114	103	112	111
ARCHITECTURE/ENVIR. ENG.	101	99	100	100	99	98	97	95	98	97	96
ENGINEERING											
AEROSPACE ENGINEERING	96	103	103	101	101	104	97	93	96	97	97
ELECTRICAL ENGINEERING	102	102	103	105	102	106	101	100	99	103	102
CHEMICAL ENGINEERING	93	98	97	97	97	97	93	92	91	93	92
MECHANICAL ENGINEERING	102	102	96	100	102	98	101	92	97	95	97
CIVIL ENGINEERING	92	100	98	96	95	96	97	95	91	99	92
OTHER ENGINEERING	100	95	94	97	97	97	95	94	93	95	95
LIFE SCIENCES											
AGRICULTURE	96	95	94	94	96	97	95	93	97	96	96
BIOLOGICAL SCIENCES	101	102	102	102	103	105	104	103	104	103	104
EARTH & ENVIRONMENTAL SCI.	95	98	97	98	97	98	93	96	99	98	95
PSYCHOLOGY											
CHILD PSYCHOLOGY	93	92	94	90	93	92	91	89	91	90	90
GENERAL PSYCHOLOGY	96	97	96	97	97	96	95	93	95	94	94
SOCIAL PSYCHOLOGY	95	96	95	94	96	93	94	93	94	94	92
SOCIAL SCIENCES											
ECONOMICS	99	105	112	111	108	106	102	102	99	106	97
INTERNATIONAL RELATIONS	99	104	98	101	104	102	99	96	99	95	92
LAW ENFORCEMENT	88	90	88	85	86	85	85	86	86	86	86
POLITICAL SCIENCE	0	99	101	103	100	103	100	98	99	101	100
SOCIOLOGY	0	95	92	94	100	94	96	94	99	98	97
OTHER SOCIAL SCIENCES	103	101	104	104	104	104	107	104	104	105	111
INTERDISCIPL./OTHER SCIENCES	111	110	107	108	109	108	105	107	106	110	105
TOTAL OF SCIENCE, MATH & ENGINEERING	101	103	103	104	104	103	102	101	103	103	104

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	99	95	92	102	88	107	98	105	88	92	101
COMPUTER SCIENCE	90	93	89	91	87	93	94	91	93	91	90
PHYSICAL SCIENCES											
ASTRONOMY	121	91	108	113	120	109	106	110	115	87	102
CHEMISTRY	108	108	107	96	98	107	93	97	114	99	90
PHYSICS	98	115	153	131	128	112	119	103	116	104	106
ARCHITECTURE/ENVIR. ENG.	96	85	89	88	91	90	90	90	85	87	86
ENGINEERING											
AEROSPACE ENGINEERING	94	95	97	94	96	96	97	100	99	99	95
ELECTRICAL ENGINEERING	94	94	101	97	95	97	98	99	99	101	96
CHEMICAL ENGINEERING	101	107	97	99	93	102	98	98	94	102	104
MECHANICAL ENGINEERING	96	92	100	96	103	91	94	95	103	99	101
CIVIL ENGINEERING	96	95	95	95	93	93	92	94	98	93	100
OTHER ENGINEERING	99	104	103	101	101	103	101	99	103	101	103
LIFE SCIENCES											
AGRICULTURE	86	79	87	84	92	89	101	72	74	89	85
BIOLOGICAL SCIENCES	103	101	98	105	107	105	103	104	106	107	104
EARTH & ENVIRONMENTAL SCI.	110	100	102	105	99	97	105	95	93	102	86
PSYCHOLOGY											
CHILD PSYCHOLOGY	88	76	82	84	88	89	90	93	88	94	96
GENERAL PSYCHOLOGY	99	99	102	94	97	94	93	98	95	95	95
SOCIAL PSYCHOLOGY	90	82	91	87	91	96	102	104	90	92	106
SOCIAL SCIENCES											
ECONOMICS	118	128	114	124	110	124	124	121	114	133	130
INTERNATIONAL RELATIONS	101	147	90	130	102	102	107	133	124	126	116
LAW ENFORCEMENT	82	81	81	78	76	76	92	83	72	75	83
POLITICAL SCIENCE	0	102	105	106	104	98	110	113	105	112	116
SOCIOLOGY	0	93	80	79	79	87	86	111	91	93	80
OTHER SOCIAL SCIENCES	105	100	98	96	107	105	100	111	109	106	107
INTERDISCIPL./OTHER SCIENCES	103	104	121	111	106	109	123	124	99	111	110
TOTAL OF SCIENCE, MATH & ENGINEERING	101	100	100	99	99	100	100	99	99	100	100

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	86	98	93	95	93	93	96	95	95	97	99
COMPUTER SCIENCE	82	90	89	82	89	86	88	86	84	84	82
PHYSICAL SCIENCES											
ASTRONOMY	126	68	136	139	87	68	96	126	146	42	165
CHEMISTRY	109	104	117	101	118	84	94	105	91	110	101
PHYSICS	123	147	124	159	143	171	141	140	108	140	126
ARCHITECTURE/ENVIR. ENG.	88	101	97	98	85	93	91	83	89	98	90
ENGINEERING											
AEROSPACE ENGINEERING	88	111	104	107	84	103	104	101	98	91	102
ELECTRICAL ENGINEERING	110	100	101	104	98	96	99	95	103	93	90
CHEMICAL ENGINEERING	89	101	102	96	103	95	96	95	98	98	88
MECHANICAL ENGINEERING	114	106	121	96	98	99	96	97	96	102	89
CIVIL ENGINEERING	101	85	101	99	91	99	90	86	104	87	82
OTHER ENGINEERING	98	102	101	106	99	100	98	103	96	95	99
LIFE SCIENCES											
AGRICULTURE	100	105	90	94	86	95	94	86	103	102	115
BIOLOGICAL SCIENCES	104	106	103	108	108	105	102	108	105	104	103
EARTH & ENVIRONMENTAL SCI.	99	117	105	104	96	84	97	112	112	94	111
PSYCHOLOGY											
CHILD PSYCHOLOGY	91	89	85	81	80	88	89	86	89	90	90
GENERAL PSYCHOLOGY	93	94	94	94	91	94	94	94	94	95	94
SOCIAL PSYCHOLOGY	93	96	90	96	88	94	87	92	95	85	93
SOCIAL SCIENCES											
ECONOMICS	120	101	116	103	115	122	111	122	100	116	91
INTERNATIONAL RELATIONS	98	137	117	109	101	113	114	114	110	113	110
LAW ENFORCEMENT	82	83	82	72	78	75	79	75	74	75	77
POLITICAL SCIENCE	0	105	96	98	102	101	105	99	99	100	102
SOCIOLOGY	0	85	83	77	87	88	91	98	84	100	91
OTHER SOCIAL SCIENCES	100	91	95	89	93	90	105	101	97	100	98
INTERDISCIPL./OTHER SCIENCES	95	105	108	94	107	112	105	121	108	113	127
TOTAL OF SCIENCE, MATH & ENGINEERING	98	100	98	97	97	97	98	98	96	97	98

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	122	134	129	132	135	138	135	136	135	130	138
COMPUTER SCIENCE	113	116	115	115	112	113	112	112	111	112	115
PHYSICAL SCIENCES											
ASTRONOMY	142	140	134	137	141	144	127	127	130	127	134
CHEMISTRY	130	137	132	133	130	131	127	137	133	132	131
PHYSICS	138	140	140	150	143	145	137	143	145	146	145
ARCHITECTURE/ENVIR. ENG.	111	107	108	108	106	102	104	102	107	105	105
ENGINEERING											
AEROSPACE ENGINEERING	114	111	114	115	112	111	110	111	115	113	112
ELECTRICAL ENGINEERING	115	117	117	117	118	117	123	121	127	126	125
CHEMICAL ENGINEERING	128	126	128	130	129	125	128	128	124	129	125
MECHANICAL ENGINEERING	114	115	115	114	114	110	117	115	117	120	119
CIVIL ENGINEERING	114	111	111	112	100	107	107	110	112	106	111
OTHER ENGINEERING	122	123	121	122	119	118	120	121	123	121	125
LIFE SCIENCES											
AGRICULTURE	108	106	102	101	99	103	95	97	106	93	109
BIOLOGICAL SCIENCES	119	124	123	126	126	126	129	128	128	129	128
EARTH & ENVIRONMENTAL SCI.	109	105	108	107	101	104	108	106	106	107	106
PSYCHOLOGY											
CHILD PSYCHOLOGY	102	102	98	99	96	99	97	100	93	95	94
GENERAL PSYCHOLOGY	111	112	111	108	112	109	106	108	108	108	104
SOCIAL PSYCHOLOGY	104	103	101	105	102	106	100	103	104	102	104
SOCIAL SCIENCES											
ECONOMICS	127	132	146	145	136	141	128	133	142	136	136
INTERNATIONAL RELATIONS	122	124	130	138	133	132	137	134	127	131	125
LAW ENFORCEMENT	85	92	89	86	90	87	90	88	87	89	85
POLITICAL SCIENCE	0	127	127	132	128	130	121	121	121	122	124
SOCIOLOGY	0	104	114	108	114	108	109	114	116	102	110
OTHER SOCIAL SCIENCES	125	123	119	122	122	117	121	119	121	120	127
INTERDISCIPL./OTHER SCIENCES	127	132	135	142	134	129	144	139	135	135	138
TOTAL OF SCIENCE, MATH & ENGINEERING	122	122	121	122	120	120	120	120	122	122	123

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	584	588	585	580	577	572	569	572	578	578	593
COMPUTER SCIENCE	524	529	522	517	513	507	502	497	496	501	489
PHYSICAL SCIENCES	592	595	590	586	585	580	582	583	583	587	598
ARCHITECTURE/ENVIR. ENG.	509	506	501	496	492	489	487	486	486	491	494
ENGINEERING	546	550	543	540	538	537	540	543	546	548	553
LIFE SCIENCES	509	500	496	493	490	489	489	494	499	505	504
EARTH & ENVIRONMENTAL SCI.	500	501	495	490	489	486	485	485	485	487	489
PSYCHOLOGY	461	455	449	447	447	447	446	449	453	455	455
SOCIAL SCIENCES	495	465	456	457	460	461	464	468	470	475	469
INTERDISCIPL./OTHER SCIENCES	569	593	585	578	574	575	572	572	575	575	589
TOTAL OF SCIENCE, MATH & ENGINEERING	520	514	509	507	507	507	508	509	511	514	513

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MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	606	617	617	614	608	604	600	601	605	608	621
COMPUTER SCIENCE	556	567	562	554	551	544	540	534	533	540	538
PHYSICAL SCIENCES	610	614	612	606	605	599	605	605	606	609	617
ARCHITECTURE/ENVIR. ENG.	517	519	514	510	505	502	501	498	496	502	505
ENGINEERING	555	560	556	552	550	549	553	555	558	561	570
LIFE SCIENCES	524	517	510	505	502	503	502	505	509	514	518
EARTH & ENVIRONMENTAL SCI.	508	510	505	500	499	497	496	494	493	497	501
PSYCHOLOGY	501	502	495	496	491	491	492	490	489	495	501
SOCIAL SCIENCES	520	500	490	490	493	494	494	492	492	497	496
INTERDISCIPL./OTHER SCIENCES	584	610	605	596	592	590	591	591	593	591	601
TOTAL OF SCIENCE, MATH & ENGINEERING	543	545	541	538	537	536	538	538	539	543	546

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	577	578	578	570	572	566	564	568	575	575	585
COMPUTER SCIENCE	531	534	525	521	517	508	501	495	493	495	481
PHYSICAL SCIENCES	566	570	563	562	561	555	551	555	558	564	575
ARCHITECTURE/ENVIR. ENG.	526	521	518	514	509	506	501	503	508	511	510
ENGINEERING	586	585	578	571	570	565	564	567	575	574	574
LIFE SCIENCES	503	500	498	494	492	491	491	495	505	510	505
EARTH & ENVIRONMENTAL SCI.	491	491	488	482	482	480	475	479	481	482	483
PSYCHOLOGY	465	461	458	455	455	454	450	453	458	459	458
SOCIAL SCIENCES	486	465	459	459	463	462	465	469	473	478	472
INTERDISCIPL./OTHER SCIENCES	544	573	563	559	552	560	553	556	561	567	577
TOTAL OF SCIENCE, MATH & ENGINEERING	505	498	494	493	495	494	495	497	501	501	496

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	437	429	411	418	404	420	415	428	430	437	479
COMPUTER SCIENCE	388	399	396	395	393	399	400	399	401	403	396
PHYSICAL SCIENCES	450	464	451	453	456	455	457	473	449	467	469
ARCHITECTURE/ENVIR. ENG.	394	379	389	382	382	382	390	386	389	389	394
ENGINEERING	410	422	424	420	424	423	429	431	434	437	439
LIFE SCIENCES	404	386	386	387	385	392	395	400	397	406	409
EARTH & ENVIRONMENTAL SCI.	388	385	384	395	395	380	401	392	382	394	405
PSYCHOLOGY	378	369	364	367	366	366	368	369	375	389	390
SOCIAL SCIENCES	388	365	359	369	368	371	373	373	363	383	375
INTERDISCIPL./OTHER SCIENCES	429	402	418	427	436	450	446	433	420	445	452
TOTAL OF SCIENCE, MATH & ENGINEERING	403	400	401	402	404	406	410	411	411	417	417

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	424	415	416	404	410	414	417	429	435	435	459
COMPUTER SCIENCE	369	370	369	366	374	372	375	369	371	371	361
PHYSICAL SCIENCES	407	411	404	402	413	415	418	429	425	432	440
ARCHITECTURE/ENVIR. ENG.	411	382	392	392	380	385	380	393	395	396	395
ENGINEERING	442	463	441	439	440	434	433	441	450	444	436
LIFE SCIENCES	390	377	376	381	383	387	387	393	404	408	395
EARTH & ENVIRONMENTAL SCI.	395	398	377	398	388	375	379	391	398	373	376
PSYCHOLOGY	361	354	351	349	352	354	357	358	363	368	371
SOCIAL SCIENCES	366	336	335	337	341	339	347	353	358	357	347
INTERDISCIPL./OTHER SCIENCES	384	384	385	372	394	413	392	420	404	401	463
TOTAL OF SCIENCE, MATH & ENGINEERING	381	367	365	367	374	375	381	382	387	388	382

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	573	574	557	557	553	546	546	549	549	552	571
COMPUTER SCIENCE	510	506	499	494	492	492	484	480	478	482	469
PHYSICAL SCIENCES	585	577	571	573	567	571	571	571	569	579	593
ARCHITECTURE/ENVIR. ENG.	493	482	473	468	474	470	466	465	467	471	476
ENGINEERING	529	530	518	520	521	521	521	523	531	531	536
LIFE SCIENCES	501	487	483	484	482	479	482	492	497	505	508
EARTH & ENVIRONMENTAL SCI.	494	478	462	468	460	462	456	455	459	465	467
PSYCHOLOGY	446	433	420	418	423	421	423	428	429	430	433
SOCIAL SCIENCES	479	439	428	434	440	442	443	446	449	451	452
INTERDISCIPL./OTHER SCIENCES	561	581	567	566	568	572	559	555	563	559	592
TOTAL OF SCIENCE, MATH & ENGINEERING	508	495	486	489	492	493	493	494	497	500	502

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	106	108	111	115	114	113	114	114	111	111	111
COMPUTER SCIENCE	125	124	124	122	120	118	117	119	119	121	127
PHYSICAL SCIENCES	112	112	115	115	115	111	115	116	115	113	116
ARCHITECTURE/ENVIR. ENG.	108	110	109	109	108	108	108	109	109	108	110
ENGINEERING	115	115	116	115	114	112	113	115	115	115	118
LIFE SCIENCES	111	114	114	113	114	113	114	117	119	117	121
EARTH & ENVIRONMENTAL SCI.	102	104	104	102	102	102	101	104	103	104	105
PSYCHOLOGY	105	108	107	106	104	104	104	105	105	105	106
SOCIAL SCIENCES	113	117	115	115	116	116	117	118	118	118	123
INTERDISCIPL./OTHER SCIENCES	117	114	115	115	115	112	116	118	114	116	113
TOTAL OF SCIENCE, MATH & ENGINEERING	117	122	122	121	120	118	119	121	121	121	125

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	102	101	102	105	105	106	109	109	107	106	106
COMPUTER SCIENCE	116	112	112	113	110	109	110	111	110	111	114
PHYSICAL SCIENCES	103	102	104	106	105	103	106	107	106	105	108
ARCHITECTURE/ENVIR. ENG.	104	104	102	102	102	102	102	104	104	103	105
ENGINEERING	108	108	108	109	108	106	107	109	108	108	109
LIFE SCIENCES	110	114	113	113	113	112	114	116	118	117	120
EARTH & ENVIRONMENTAL SCI.	101	103	103	101	101	101	101	102	102	104	105
PSYCHOLOGY	106	109	108	107	105	106	105	107	106	107	109
SOCIAL SCIENCES	112	117	115	116	116	117	117	120	119	119	122
INTERDISCIPL./OTHER SCIENCES	112	105	106	110	108	108	108	110	108	111	108
TOTAL OF SCIENCE, MATH & ENGINEERING	112	115	115	115	113	112	112	115	114	114	117

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	90	90	93	95	95	95	96	97	95	95	96
COMPUTER SCIENCE	105	101	103	101	100	100	100	103	103	104	110
PHYSICAL SCIENCES	104	102	105	105	104	101	103	106	102	102	106
ARCHITECTURE/ENVIR. ENG.	102	97	100	97	98	98	99	100	103	101	101
ENGINEERING	97	92	95	95	95	93	94	95	95	94	98
LIFE SCIENCES	103	106	106	105	106	105	107	109	112	109	112
EARTH & ENVIRONMENTAL SCI.	97	99	99	96	97	98	95	102	101	100	100
PSYCHOLOGY	97	99	98	97	97	97	98	99	100	100	101
SOCIAL SCIENCES	101	104	103	103	105	103	106	107	109	108	113
INTERDISCIPL./OTHER SCIENCES	110	107	107	104	110	102	109	109	107	106	106
TOTAL OF SCIENCE, MATH & ENGINEERING	106	110	110	109	109	107	108	110	111	110	114

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	115	108	116	111	103	118	114	116	113	112	120
COMPUTER SCIENCE	95	102	101	98	95	102	98	96	100	101	99
PHYSICAL SCIENCES	108	113	123	113	128	120	119	115	112	117	111
ARCHITECTURE/ENVIR. ENG.	96	92	99	95	97	98	96	92	97	97	94
ENGINEERING	105	111	112	109	107	110	109	109	112	113	112
LIFE SCIENCES	103	99	103	103	101	108	108	111	110	109	111
EARTH & ENVIRONMENTAL SCI.	94	94	99	103	100	90	101	94	102	96	93
PSYCHOLOGY	95	92	94	94	83	90	88	94	92	93	102
SOCIAL SCIENCES	101	94	96	100	101	100	98	103	101	108	104
INTERDISCIPL./OTHER SCIENCES	112	107	127	106	113	114	123	139	117	129	115
TOTAL OF SCIENCE, MATH & ENGINEERING	104	106	109	106	105	108	106	106	108	109	110

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	89	96	99	98	94	103	104	107	109	101	106
COMPUTER SCIENCE	83	89	90	87	85	87	86	85	85	86	81
PHYSICAL SCIENCES	97	116	111	100	108	98	108	103	104	107	99
ARCHITECTURE/ENVIR. ENG.	91	96	101	92	86	89	85	90	91	99	93
ENGINEERING	100	97	99	103	98	95	96	101	101	100	99
LIFE SCIENCES	95	94	93	95	95	95	92	99	100	101	100
EARTH & ENVIRONMENTAL SCI.	86	102	79	94	91	75	102	99	98	80	106
PSYCHOLOGY	78	81	80	78	76	81	81	81	85	85	85
SOCIAL SCIENCES	85	77	78	74	79	81	83	86	91	87	85
INTERDISCIPL./OTHER SCIENCES	105	98	88	86	102	106	102	113	105	116	110
TOTAL OF SCIENCE, MATH & ENGINEERING	90	93	92	91	92	93	93	95	97	96	95

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	115	122	124	129	131	133	129	134	129	125	131
COMPUTER SCIENCE	129	127	129	126	126	124	124	125	124	127	133
PHYSICAL SCIENCES	121	129	130	133	131	126	125	132	132	123	130
ARCHITECTURE/ENVIR. ENG.	113	114	119	117	113	115	116	116	119	114	116
ENGINEERING	126	123	127	124	123	121	123	125	125	125	128
LIFE SCIENCES	118	123	124	123	125	126	127	128	130	131	132
EARTH & ENVIRONMENTAL SCI.	111	110	107	105	107	108	105	107	110	112	112
PSYCHOLOGY	109	112	108	107	107	106	105	110	108	108	109
SOCIAL SCIENCES	120	122	120	121	122	123	123	123	124	125	128
INTERDISCIPL./OTHER SCIENCES	128	130	128	129	130	127	131	138	131	130	135
TOTAL OF SCIENCE, MATH & ENGINEERING	124	129	130	129	128	127	127	129	129	130	133

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS
(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ATH & STATISTICS	584	588	585	580	577	572	569	572	578	578	593
OMPUTER SCIENCE	524	529	522	517	513	507	502	497	496	501	489
HYSICAL SCIENCES											
ASTRONOMY	558	571	556	549	554	547	555	554	553	555	578
CHEMISTRY	572	573	567	562	561	556	556	558	557	562	572
PHYSICS	638	640	634	634	629	625	629	628	628	631	641
RCHITECTURE/ENVIR. ENG.	509	506	501	496	492	489	487	486	486	491	494
NGINEERING											
AEROSPACE ENGINEERING	522	533	529	528	529	529	536	538	541	547	555
ELECTRICAL ENGINEERING	527	534	528	526	524	526	530	531	541	543	543
CHEMICAL ENGINEERING	598	606	597	586	587	583	583	585	586	585	589
MECHANICAL ENGINEERING	524	530	526	524	522	521	522	525	528	533	543
CIVIL ENGINEERING	547	545	542	533	529	526	528	529	529	532	533
OTHER ENGINEERING	554	560	553	550	547	545	546	549	554	554	559
IFE SCIENCES											
AGRICULTURE	462	458	447	443	438	439	436	435	431	433	436
BIOLOGICAL SCIENCES	523	520	517	513	511	510	509	514	519	523	524
ARTH & ENVIRONMENTAL SCI.	500	501	495	490	489	486	485	485	485	487	489
SYCHOLOGY											
CHILD PSYCHOLOGY	432	428	419	418	420	419	418	422	427	430	428
GENERAL PSYCHOLOGY	469	467	463	460	459	460	459	462	465	468	463
SOCIAL PSYCHOLOGY	453	444	441	442	441	441	440	444	447	449	451
OCIAL SCIENCES											
ECONOMICS	556	560	551	557	558	553	553	562	560	564	576
INTERNATIONAL RELATIONS	514	525	517	519	519	520	519	527	528	541	546
LAW ENFORCEMENT	428	421	414	410	409	406	405	404	407	413	408
POLITICAL SCIENCE	0	514	503	498	497	497	498	499	503	508	515
SOCIOLOGY	0	425	424	426	426	426	424	434	425	435	429
OTHER SOCIAL SCIENCES	493	459	453	454	456	453	457	463	467	469	467
ITERDISCIPL./OTHER SCIENCES	569	593	585	578	574	575	572	572	575	575	589
OTAL OF SCIENCE, MATH & ENGINEERING	520	514	509	507	507	507	508	509	511	514	513

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MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS (WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	606	617	617	614	608	604	600	601	605	608	621
COMPUTER SCIENCE	556	567	562	554	551	544	540	534	533	540	538
PHYSICAL SCIENCES											
ASTRONOMY	572	585	570	563	575	562	572	569	570	567	592
CHEMISTRY	591	594	592	583	583	578	583	584	582	583	593
PHYSICS	647	648	646	643	638	633	639	639	638	644	650
ARCHITECTURE/ENVIR. ENG.	517	519	514	510	505	502	501	498	496	502	505
ENGINEERING											
AEROSPACE ENGINEERING	533	545	543	542	541	542	550	550	553	559	569
ELECTRICAL ENGINEERING	545	550	546	542	541	542	546	548	555	560	565
CHEMICAL ENGINEERING	613	620	613	604	605	602	604	606	605	605	613
MECHANICAL ENGINEERING	537	543	539	537	533	533	536	538	540	545	554
CIVIL ENGINEERING	554	552	553	544	540	537	540	539	539	543	544
OTHER ENGINEERING	560	569	563	558	557	554	557	560	563	565	576
LIFE SCIENCES											
AGRICULTURE	467	467	456	452	445	448	444	441	437	437	443
BIOLOGICAL SCIENCES	544	546	541	536	534	534	534	539	542	544	551
EARTH & ENVIRONMENTAL SCI.	508	510	505	500	499	497	496	494	493	497	501
PSYCHOLOGY											
CHILD PSYCHOLOGY	471	463	447	455	450	452	453	450	457	455	466
GENERAL PSYCHOLOGY	504	510	504	502	498	498	497	498	495	500	503
SOCIAL PSYCHOLOGY	494	487	483	493	483	484	486	479	480	496	502
SOCIAL SCIENCES											
ECONOMICS	574	586	580	579	576	576	572	584	578	584	598
INTERNATIONAL RELATIONS	543	560	552	554	548	545	553	568	557	572	575
LAW ENFORCEMENT	461	438	431	426	425	424	421	417	423	428	430
POLITICAL SCIENCE	0	544	536	530	529	526	526	529	531	535	544
SOCIOLOGY	0	477	473	475	474	473	467	463	467	479	490
OTHER SOCIAL SCIENCES	517	511	504	503	502	499	502	505	505	508	509
INTERDISCIPL./OTHER SCIENCES	584	610	605	596	592	590	591	591	593	591	601
TOTAL OF SCIENCE, MATH & ENGINEERING	543	545	541	538	537	536	538	538	539	543	546

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS
(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	577	578	578	570	572	566	564	568	575	575	585
COMPUTER SCIENCE	531	534	525	521	517	508	501	495	493	495	481
PHYSICAL SCIENCES											
ASTRONOMY	525	553	538	531	534	523	534	532	542	554	564
CHEMISTRY	565	562	556	555	553	546	543	547	548	555	564
PHYSICS	609	621	609	620	610	604	599	603	608	597	618
ARCHITECTURE/ENVIR. ENG.	526	521	518	514	509	506	501	503	508	511	510
ENGINEERING											
AEROSPACE ENGINEERING	544	541	533	530	535	533	534	545	554	552	558
ELECTRICAL ENGINEERING	586	581	568	576	570	562	565	568	577	573	571
CHEMICAL ENGINEERING	605	608	603	586	591	581	582	583	589	585	584
MECHANICAL ENGINEERING	568	559	554	551	549	551	551	552	554	561	566
CIVIL ENGINEERING	574	582	568	556	561	545	552	550	555	564	568
OTHER ENGINEERING	589	589	585	578	575	571	567	570	579	580	579
LIFE SCIENCES											
AGRICULTURE	462	456	449	443	440	439	435	436	433	439	436
BIOLOGICAL SCIENCES	513	518	517	512	511	509	509	512	521	524	522
EARTH & ENVIRONMENTAL SCI.	491	491	488	482	482	480	475	479	481	482	483
PSYCHOLOGY											
CHILD PSYCHOLOGY	449	447	439	436	438	434	429	433	438	440	440
GENERAL PSYCHOLOGY	470	470	469	465	464	465	461	464	469	471	465
SOCIAL PSYCHOLOGY	458	449	448	448	449	446	443	447	452	451	450
SOCIAL SCIENCES											
ECONOMICS	549	545	533	542	555	539	540	544	552	555	563
INTERNATIONAL RELATIONS	515	517	515	515	521	518	517	518	526	536	542
LAW ENFORCEMENT	446	419	411	410	408	405	400	404	407	411	411
POLITICAL SCIENCE	0	506	497	494	495	492	493	496	497	503	507
SOCIOLOGY	0	447	444	443	446	439	439	445	437	443	437
OTHER SOCIAL SCIENCES	485	461	458	456	458	455	458	463	467	470	465
INTERDISCIPL./OTHER SCIENCES	544	573	563	559	552	560	553	556	561	567	577
TOTAL OF SCIENCE, MATH & ENGINEERING	505	498	494	493	495	494	495	497	501	501	496

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MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS (BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	437	429	411	418	404	420	415	428	430	437	479
COMPUTER SCIENCE	388	399	396	395	393	399	400	399	401	403	396
PHYSICAL SCIENCES											
ASTRONOMY	431	432	414	385	412	435	441	467	441	430	447
CHEMISTRY	432	439	447	445	442	444	431	454	454	440	450
PHYSICS	497	519	476	500	500	487	513	506	442	513	513
ARCHITECTURE/ENVIR. ENG.	394	379	389	382	382	382	390	386	389	389	394
ENGINEERING											
AEROSPACE ENGINEERING	418	420	425	427	430	434	444	442	446	455	461
ELECTRICAL ENGINEERING	397	410	414	407	408	410	419	422	428	431	429
CHEMICAL ENGINEERING	466	511	494	488	493	479	481	491	489	486	495
MECHANICAL ENGINEERING	393	397	406	400	407	405	409	416	419	416	436
CIVIL ENGINEERING	441	443	443	431	445	429	437	431	433	441	426
OTHER ENGINEERING	414	426	425	427	428	427	429	431	430	436	436
LIFE SCIENCES											
AGRICULTURE	340	347	343	338	348	343	347	319	328	337	350
BIOLOGICAL SCIENCES	414	396	398	402	397	406	406	419	410	419	421
EARTH & ENVIRONMENTAL SCI.	388	385	384	395	395	380	401	392	382	394	405
PSYCHOLOGY											
CHILD PSYCHOLOGY	347	347	328	340	347	344	345	333	373	355	354
GENERAL PSYCHOLOGY	384	377	377	376	377	375	375	382	381	401	397
SOCIAL PSYCHOLOGY	375	361	363	368	355	358	369	355	354	383	374
SOCIAL SCIENCES											
ECONOMICS	445	435	475	467	457	460	446	481	441	464	463
INTERNATIONAL RELATIONS	398	435	432	425	422	427	460	426	451	468	485
LAW ENFORCEMENT	340	338	331	330	331	340	336	337	316	335	340
POLITICAL SCIENCE	0	395	386	396	385	388	389	393	394	423	422
SOCIOLOGY	0	334	327	342	318	340	354	350	322	371	361
OTHER SOCIAL SCIENCES	387	358	352	365	370	364	367	371	371	376	380
INTERDISCIPL./OTHER SCIENCES	429	402	418	427	436	450	446	433	420	445	452
TOTAL OF SCIENCE, MATH & ENGINEERING	403	400	401	402	404	406	410	411	411	417	417

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS
(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	424	415	416	404	410	414	417	429	435	435	459
COMPUTER SCIENCE	369	370	369	366	374	372	375	369	371	371	361
PHYSICAL SCIENCES											
ASTRONOMY	370	454	420	355	362	364	346	400	460	330	473
CHEMISTRY	410	404	398	401	414	403	420	424	418	429	427
PHYSICS	398	439	434	431	428	500	425	474	451	468	508
ARCHITECTURE/ENVIR. ENG.	411	382	392	392	380	385	380	393	395	396	395
ENGINEERING											
AEROSPACE ENGINEERING	371	449	420	433	414	421	429	438	428	440	444
ELECTRICAL ENGINEERING	423	433	436	415	418	431	422	429	442	438	430
CHEMICAL ENGINEERING	463	469	463	440	456	446	451	459	466	463	458
MECHANICAL ENGINEERING	440	482	427	416	424	421	411	422	435	434	429
CIVIL ENGINEERING	438	469	407	440	423	422	417	434	416	422	441
OTHER ENGINEERING	450	468	445	450	450	436	438	443	460	446	434
LIFE SCIENCES											
AGRICULTURE	361	355	324	346	328	340	358	339	380	348	360
BIOLOGICAL SCIENCES	392	379	380	385	388	391	389	396	406	412	398
EARTH & ENVIRONMENTAL SCI.	395	398	377	398	388	375	379	391	398	373	376
PSYCHOLOGY											
CHILD PSYCHOLOGY	351	340	335	339	340	342	346	341	348	354	356
GENERAL PSYCHOLOGY	367	363	363	355	363	365	367	370	374	379	376
SOCIAL PSYCHOLOGY	358	358	353	351	346	349	351	356	359	367	378
SOCIAL SCIENCES											
ECONOMICS	393	373	393	391	410	390	416	433	445	418	428
INTERNATIONAL RELATIONS	382	416	396	399	417	425	417	426	459	426	452
LAW ENFORCEMENT	336	316	317	319	320	316	331	320	324	321	328
POLITICAL SCIENCE	0	375	363	361	370	370	373	362	376	384	384
SOCIOLOGY	0	326	329	332	337	330	338	341	327	350	327
OTHER SOCIAL SCIENCES	367	330	332	334	334	333	338	348	354	349	340
INTERDISCIPL./OTHER SCIENCES	384	384	385	372	394	413	392	420	404	401	463
TOTAL OF SCIENCE, MATH & ENGINEERING	381	367	365	367	374	375	381	382	387	388	382

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERNG FIELDS (OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	573	574	557	557	553	546	546	549	549	552	571
COMPUTER SCIENCE	510	506	499	494	492	492	484	480	478	482	469
PHYSICAL SCIENCES											
ASTRONOMY	550	534	535	537	511	527	520	529	519	528	551
CHEMISTRY	558	550	548	550	538	538	533	545	541	557	569
PHYSICS	631	629	613	613	620	625	629	617	622	623	640
ARCHITECTURE/ENVIR. ENG.	493	482	473	468	474	470	466	465	467	471	476
ENGINEERING											
AEROSPACE ENGINEERING	502	502	493	501	506	501	499	507	515	519	528
ELECTRICAL ENGINEERING	514	520	508	511	515	522	524	520	537	536	534
CHEMICAL ENGINEERING	579	585	566	568	564	574	563	560	572	568	570
MECHANICAL ENGINEERING	499	507	492	499	504	497	498	499	504	517	533
CIVIL ENGINEERING	537	532	525	522	513	514	511	521	520	516	516
OTHER ENGINEERING	541	543	533	532	530	527	528	531	533	534	539
LIFE SCIENCES											
AGRICULTURE	444	436	416	421	414	405	411	419	405	408	417
BIOLOGICAL SCIENCES	513	504	501	499	499	497	498	506	510	516	519
EARTH & ENVIRONMENTAL SCI.	494	478	462	468	460	462	456	455	459	465	467
PSYCHOLOGY											
CHILD PSYCHOLOGY	418	409	393	390	392	395	398	405	400	404	398
GENERAL PSYCHOLOGY	455	444	432	431	434	434	435	439	442	443	443
SOCIAL PSYCHOLOGY	434	419	416	413	430	417	420	425	427	427	432
SOCIAL SCIENCES											
ECONOMICS	527	545	531	550	549	551	554	566	551	556	577
INTERNATIONAL RELATIONS	482	500	467	488	482	498	489	508	490	515	522
LAW ENFORCEMENT	381	385	378	375	381	372	373	379	373	384	379
POLITICAL SCIENCE	0	490	481	479	475	474	475	463	482	473	486
SOCIOLOGY	0	405	415	422	410	424	409	437	426	418	419
OTHER SOCIAL SCIENCES	478	433	424	428	435	431	430	432	442	440	446
INTERDISCIPL./OTHER SCIENCES	561	581	567	566	568	572	559	555	563	559	592
TOTAL OF SCIENCE, MATH & ENGINEERING	508	495	486	489	492	493	493	494	497	500	502

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	106	108	111	115	114	113	114	114	111	111	111
COMPUTER SCIENCE	125	124	124	122	120	118	117	119	119	121	127
PHYSICAL SCIENCES											
ASTRONOMY	115	116	121	120	120	117	116	118	122	120	121
CHEMISTRY	109	110	112	112	111	108	111	111	110	109	112
PHYSICS	99	99	104	102	103	97	103	107	104	101	104
ARCHITECTURE/ENVIR. ENG.	108	110	109	109	108	108	108	109	109	108	110
ENGINEERING											
AEROSPACE ENGINEERING	110	111	112	112	111	109	110	111	110	109	111
ELECTRICAL ENGINEERING	120	119	121	120	121	118	120	123	121	121	124
CHEMICAL ENGINEERING	102	97	102	103	101	102	102	104	102	104	105
MECHANICAL ENGINEERING	117	116	116	116	113	112	113	114	115	114	115
CIVIL ENGINEERING	104	106	107	108	107	105	107	108	109	109	111
OTHER ENGINEERING	114	113	114	113	112	111	111	113	113	113	118
LIFE SCIENCES											
AGRICULTURE	102	104	102	101	99	101	100	100	101	102	102
BIOLOGICAL SCIENCES	109	113	112	111	112	111	113	115	116	114	119
EARTH & ENVIRONMENTAL SCI.	102	104	104	102	102	102	101	104	103	104	105
PSYCHOLOGY											
CHILD PSYCHOLOGY	101	103	103	99	99	98	97	99	100	99	100
GENERAL PSYCHOLOGY	105	109	107	106	105	105	104	105	105	105	107
SOCIAL PSYCHOLOGY	103	105	102	104	102	102	102	103	105	104	105
SOCIAL SCIENCES											
ECONOMICS	112	117	119	114	116	116	115	113	113	118	115
INTERNATIONAL RELATIONS	107	111	111	109	110	106	108	109	109	105	107
LAW ENFORCEMENT	101	98	96	93	92	94	93	93	95	96	97
POLITICAL SCIENCE	0	114	117	117	115	115	114	116	115	115	117
SOCIOLOGY	0	108	105	107	107	104	103	107	107	105	112
OTHER SOCIAL SCIENCES	112	116	114	113	113	113	113	115	115	115	120
INTERDISCIPL./OTHER SCIENCES	117	114	115	115	115	112	116	118	114	116	113
TOTAL OF SCIENCE, MATH & ENGINEERING	117	122	122	121	120	118	119	121	121	121	125

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	102	101	102	105	105	106	109	109	107	106	106
COMPUTER SCIENCE	116	112	112	113	110	109	110	111	110	111	114
PHYSICAL SCIENCES											
ASTRONOMY	109	110	117	116	111	112	114	114	119	116	117
CHEMISTRY	100	100	101	103	102	99	102	103	101	103	105
PHYSICS	92	93	93	94	96	92	96	99	96	92	96
ARCHITECTURE/ENVIR. ENG.	104	104	102	102	102	102	102	104	104	103	105
ENGINEERING											
AEROSPACE ENGINEERING	104	105	106	106	105	104	104	106	105	104	104
ELECTRICAL ENGINEERING	111	111	112	112	112	110	111	115	113	112	113
CHEMICAL ENGINEERING	93	90	92	95	92	92	92	94	93	94	93
MECHANICAL ENGINEERING	108	108	109	109	107	105	106	107	108	107	108
CIVIL ENGINEERING	98	100	98	101	101	98	99	102	102	102	106
OTHER ENGINEERING	109	108	108	109	107	106	107	109	108	108	110
LIFE SCIENCES											
AGRICULTURE	101	105	102	101	98	101	100	99	99	101	102
BIOLOGICAL SCIENCES	106	108	108	108	108	107	108	111	111	108	112
EARTH & ENVIRONMENTAL SCI.	101	103	103	101	101	101	101	102	102	104	105
PSYCHOLOGY											
CHILD PSYCHOLOGY	106	103	103	100	103	98	104	105	101	106	105
GENERAL PSYCHOLOGY	105	109	108	106	104	106	104	107	106	106	108
SOCIAL PSYCHOLOGY	104	111	103	109	104	106	104	105	103	105	110
SOCIAL SCIENCES											
ECONOMICS	108	110	105	108	111	107	109	111	107	110	109
INTERNATIONAL RELATIONS	108	109	114	106	112	105	109	103	108	103	106
LAW ENFORCEMENT	93	97	94	93	90	93	93	91	94	94	97
POLITICAL SCIENCE	0	108	112	111	111	113	109	113	111	113	113
SOCIOLOGY	0	107	108	114	108	109	115	111	109	108	118
OTHER SOCIAL SCIENCES	112	115	111	112	111	113	112	115	114	114	119
INTERDISCIPL./OTHER SCIENCES	112	105	106	110	108	108	108	110	108	111	108
TOTAL OF SCIENCE, MATH & ENGINEERING	112	115	115	115	113	112	112	115	114	114	117

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS
(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	90	90	93	95	95	95	96	97	95	95	96
COMPUTER SCIENCE	105	101	103	101	100	100	100	103	103	104	110
PHYSICAL SCIENCES											
ASTRONOMY	112	103	115	108	112	110	106	114	111	112	113
CHEMISTRY	100	100	102	101	100	98	100	100	99	99	100
PHYSICS	101	92	98	96	93	91	99	105	93	100	109
ARCHITECTURE/ENVIR. ENG.	102	97	100	97	98	98	99	100	103	101	101
ENGINEERING											
AEROSPACE ENGINEERING	106	101	103	105	101	97	103	100	99	98	104
ELECTRICAL ENGINEERING	92	102	102	97	97	102	98	101	97	99	100
CHEMICAL ENGINEERING	86	85	88	87	90	88	87	90	89	88	91
MECHANICAL ENGINEERING	102	101	102	101	104	100	99	95	105	98	102
CIVIL ENGINEERING	88	92	91	91	90	87	91	94	97	92	95
OTHER ENGINEERING	98	87	91	91	93	89	92	94	92	91	96
LIFE SCIENCES											
AGRICULTURE	99	100	98	97	96	95	96	97	100	99	99
BIOLOGICAL SCIENCES	102	103	103	102	103	103	104	107	108	105	109
EARTH & ENVIRONMENTAL SCI.	97	99	99	96	97	98	95	102	101	100	100
PSYCHOLOGY											
CHILD PSYCHOLOGY	95	97	97	94	94	94	93	94	98	96	97
GENERAL PSYCHOLOGY	97	99	98	98	98	97	99	99	100	100	101
SOCIAL PSYCHOLOGY	94	97	96	95	97	95	96	97	101	98	99
SOCIAL SCIENCES											
ECONOMICS	92	99	109	102	105	103	103	101	105	111	103
INTERNATIONAL RELATIONS	96	103	97	97	101	96	96	101	102	97	97
LAW ENFORCEMENT	97	94	90	88	89	89	89	90	90	90	91
POLITICAL SCIENCE	0	98	99	104	99	100	102	102	104	102	105
SOCIOLOGY	0	98	92	97	97	96	94	96	99	97	100
OTHER SOCIAL SCIENCES	100	103	101	100	102	100	103	105	106	105	111
INTERDISCIPL./OTHER SCIENCES	110	107	107	104	110	102	109	109	107	106	106
TOTAL OF SCIENCE, MATH & ENGINEERING	106	110	110	109	109	107	108	110	111	110	114

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	115	108	116	111	103	118	114	116	113	112	120
COMPUTER SCIENCE	95	102	101	98	95	102	98	96	100	101	99
PHYSICAL SCIENCES											
ASTRONOMY	103	113	124	111	117	123	111	126	130	128	121
CHEMISTRY	105	106	112	101	116	125	97	103	101	101	98
PHYSICS	103	106	139	124	137	103	137	119	121	116	114
ARCHITECTURE/ENVIR. ENG.	96	92	99	95	97	98	96	92	97	97	94
ENGINEERING											
AEROSPACE ENGINEERING	104	105	107	102	102	103	107	106	106	110	109
ELECTRICAL ENGINEERING	96	103	110	105	103	108	107	111	112	112	108
CHEMICAL ENGINEERING	102	101	106	113	99	114	104	105	109	109	116
MECHANICAL ENGINEERING	104	102	111	103	107	102	107	107	114	114	117
CIVIL ENGINEERING	109	111	106	101	101	107	106	100	107	105	107
OTHER ENGINEERING	108	117	116	114	109	113	111	108	114	113	115
LIFE SCIENCES											
AGRICULTURE	83	76	89	85	99	100	96	82	78	83	84
BIOLOGICAL SCIENCES	102	102	103	103	99	107	107	109	110	109	112
EARTH & ENVIRONMENTAL SCI.	94	94	99	103	100	90	101	94	102	96	93
PSYCHOLOGY											
CHILD PSYCHOLOGY	76	80	71	87	85	77	80	69	84	80	91
GENERAL PSYCHOLOGY	98	96	97	95	83	93	85	99	91	95	101
SOCIAL PSYCHOLOGY	92	80	96	95	73	92	99	86	96	88	115
SOCIAL SCIENCES											
ECONOMICS	135	120	133	126	136	137	122	128	116	134	128
INTERNATIONAL RELATIONS	89	110	125	112	127	125	129	121	125	127	120
LAW ENFORCEMENT	58	70	67	71	67	74	75	70	66	72	78
POLITICAL SCIENCE	0	100	101	100	92	96	97	104	104	115	113
SOCIOLOGY	0	71	67	77	62	60	78	101	64	90	85
OTHER SOCIAL SCIENCES	100	91	90	98	106	98	94	100	101	99	102
INTERDISCIPL./OTHER SCIENCES	112	107	127	106	113	114	123	139	117	129	115
TOTAL OF SCIENCE, MATH & ENGINEERING	104	106	109	106	105	108	106	106	108	109	110

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	89	96	99	98	94	103	104	107	109	101	106
COMPUTER SCIENCE	83	89	90	87	85	87	86	85	85	86	81
PHYSICAL SCIENCES											
ASTRONOMY	79	84	110	72	89	44	71	66	108	45	113
CHEMISTRY	98	116	106	96	107	84	106	99	101	105	90
PHYSICS	90	128	134	127	122	136	119	123	110	113	116
ARCHITECTURE/ENVIR. ENG.	91	96	101	92	86	89	85	90	91	99	93
ENGINEERING											
AEROSPACE ENGINEERING	92	111	106	98	81	90	94	108	102	100	101
ELECTRICAL ENGINEERING	88	103	102	105	101	96	94	94	105	99	95
CHEMICAL ENGINEERING	88	96	96	96	97	95	95	100	99	98	92
MECHANICAL ENGINEERING	98	102	108	98	104	98	101	107	97	93	86
CIVIL ENGINEERING	90	79	76	102	88	85	98	93	104	97	90
OTHER ENGINEERING	105	94	97	104	97	96	96	103	98	102	103
LIFE SCIENCES											
AGRICULTURE	82	80	72	88	76	82	78	80	95	82	97
BIOLOGICAL SCIENCES	96	95	94	95	95	95	93	99	100	101	100
EARTH & ENVIRONMENTAL SCI.	86	102	79	94	91	75	102	99	98	80	106
PSYCHOLOGY											
CHILD PSYCHOLOGY	74	73	76	74	72	76	76	75	79	84	81
GENERAL PSYCHOLOGY	80	84	81	79	79	85	84	85	87	87	86
SOCIAL PSYCHOLOGY	77	83	81	80	69	76	81	76	89	77	86
SOCIAL SCIENCES											
ECONOMICS	90	90	97	96	109	106	97	99	104	97	90
INTERNATIONAL RELATIONS	89	95	96	93	93	106	101	93	97	98	106
LAW ENFORCEMENT	57	58	64	57	62	66	65	70	70	69	68
POLITICAL SCIENCE	0	91	83	83	83	85	91	82	88	88	91
SOCIOLOGY	0	67	69	63	76	70	74	87	72	85	76
OTHER SOCIAL SCIENCES	86	73	78	73	75	77	77	82	89	83	82
INTERDISCIPL./OTHER SCIENCES	105	98	88	86	102	106	102	113	105	116	110
TOTAL OF SCIENCE, MATH & ENGINEERING	90	93	92	91	92	93	93	95	97	96	95

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN MATH, SCIENCE, AND ENGINEERING FIELDS (OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	115	122	124	129	131	133	129	134	129	125	131
COMPUTER SCIENCE	129	127	129	126	126	124	124	125	124	127	133
PHYSICAL SCIENCES											
ASTRONOMY	130	140	123	131	129	125	119	129	132	128	129
CHEMISTRY	116	125	126	129	125	124	122	126	126	116	131
PHYSICS	106	114	125	127	118	107	107	126	121	117	115
ARCHITECTURE/ENVIR. ENG.	113	114	119	117	113	115	116	116	119	114	116
ENGINEERING											
AEROSPACE ENGINEERING	119	120	121	121	123	115	117	118	119	120	121
ELECTRICAL ENGINEERING	123	126	130	127	128	124	128	130	130	131	132
CHEMICAL ENGINEERING	113	105	119	110	114	112	115	119	112	120	120
MECHANICAL ENGINEERING	137	126	126	125	120	119	121	125	126	124	126
CIVIL ENGINEERING	124	118	127	124	119	119	119	120	118	120	117
OTHER ENGINEERING	125	121	124	122	121	120	122	123	123	123	127
LIFE SCIENCES											
AGRICULTURE	105	112	101	101	102	105	102	108	108	110	105
BIOLOGICAL SCIENCES	117	122	123	123	124	124	126	126	128	128	130
EARTH & ENVIRONMENTAL SCI.	111	110	107	105	107	108	105	107	110	112	112
PSYCHOLOGY											
CHILD PSYCHOLOGY	104	102	101	100	94	100	99	104	96	101	98
GENERAL PSYCHOLOGY	110	115	110	109	110	108	108	111	110	110	110
SOCIAL PSYCHOLOGY	100	106	99	107	102	103	99	106	108	106	105
SOCIAL SCIENCES											
ECONOMICS	118	123	135	120	120	125	128	117	119	127	117
INTERNATIONAL RELATIONS	113	115	119	125	112	118	121	118	115	118	122
LAW ENFORCEMENT	93	93	96	86	90	90	87	91	88	95	90
POLITICAL SCIENCE	0	124	124	123	120	121	120	120	122	121	121
SOCIOLOGY	0	108	111	114	108	108	101	118	115	106	121
OTHER SOCIAL SCIENCES	119	118	115	117	120	116	117	115	120	119	125
INTERDISCIPL./OTHER SCIENCES	128	130	128	129	130	127	131	138	131	130	135
TOTAL OF SCIENCE, MATH & ENGINEERING	124	129	130	129	128	127	127	129	129	130	133

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.66	3.68	3.66	3.63	3.61	3.61	3.59	3.59	3.61	3.59	
COMPUTER SCIENCE	3.19	3.25	3.23	3.21	3.18	3.16	3.14	3.10	3.06	3.04	
PHYSICAL SCIENCES	3.38	3.39	3.38	3.34	3.33	3.33	3.32	3.32	3.32	3.33	
ARCHITECTURE/ENVIR. ENG.	2.89	2.94	2.92	2.91	2.89	2.88	2.86	2.85	2.84	2.83	
ENGINEERING	3.17	3.21	3.20	3.19	3.18	3.19	3.21	3.22	3.23	3.23	
LIFE SCIENCES	2.98	2.95	2.93	2.93	2.92	2.91	2.92	2.94	2.95	2.98	
EARTH & ENVIRONMENTAL SCI.	2.80	2.84	2.83	2.79	2.77	2.76	2.76	2.76	2.73	2.75	
PSYCHOLOGY	2.72	2.71	2.70	2.70	2.68	2.69	2.67	2.67	2.67	2.67	
SOCIAL SCIENCES	2.82	2.72	2.69	2.70	2.69	2.69	2.70	2.71	2.69	2.70	
INTERDISCIPL./OTHER SCIENCES	3.25	3.37	3.33	3.28	3.26	3.29	3.25	3.27	3.28	3.28	
TOTAL OF SCIENCE, MATH & ENGINEERING	3.04	3.02	3.01	3.01	3.01	3.03	3.04	3.05	3.03	3.02	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.63	3.65	3.64	3.61	3.58	3.59	3.55	3.56	3.56	3.54	
COMPUTER SCIENCE	3.20	3.26	3.25	3.20	3.17	3.16	3.14	3.09	3.06	3.06	
PHYSICAL SCIENCES	3.39	3.41	3.39	3.35	3.34	3.33	3.33	3.32	3.32	3.34	
ARCHITECTURE/ENVIR. ENG.	2.87	2.93	2.91	2.89	2.87	2.86	2.83	2.82	2.81	2.79	
ENGINEERING	3.18	3.20	3.19	3.18	3.17	3.17	3.19	3.20	3.21	3.21	
LIFE SCIENCES	2.95	2.91	2.86	2.86	2.85	2.85	2.86	2.88	2.86	2.90	
EARTH & ENVIRONMENTAL SCI.	2.76	2.81	2.80	2.76	2.74	2.73	2.72	2.72	2.68	2.69	
PSYCHOLOGY	2.69	2.70	2.70	2.69	2.65	2.65	2.64	2.61	2.60	2.62	
SOCIAL SCIENCES	2.82	2.73	2.69	2.69	2.69	2.69	2.69	2.68	2.67	2.66	
INTERDISCIPL./OTHER SCIENCES	3.25	3.38	3.35	3.27	3.25	3.28	3.24	3.25	3.28	3.25	
TOTAL OF SCIENCE, MATH & ENGINEERING	3.06	3.07	3.07	3.05	3.05	3.06	3.07	3.07	3.06	3.06	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.74	3.76	3.74	3.72	3.70	3.70	3.69	3.67	3.69	3.68	
COMPUTER SCIENCE	3.44	3.46	3.43	3.42	3.38	3.35	3.31	3.27	3.23	3.22	
PHYSICAL SCIENCES	3.45	3.45	3.43	3.43	3.38	3.40	3.35	3.39	3.39	3.35	
ARCHITECTURE/ENVIR. ENG.	3.17	3.19	3.13	3.15	3.12	3.09	3.07	3.06	3.07	3.06	
ENGINEERING	3.58	3.57	3.54	3.53	3.50	3.51	3.50	3.50	3.51	3.49	
LIFE SCIENCES	3.06	3.04	3.03	3.02	3.02	3.01	3.01	3.03	3.04	3.07	
EARTH & ENVIRONMENTAL SCI.	2.93	2.97	2.95	2.91	2.91	2.89	2.89	2.87	2.88	2.86	
PSYCHOLOGY	2.80	2.79	2.78	2.77	2.76	2.75	2.73	2.74	2.74	2.73	
SOCIAL SCIENCES	2.90	2.80	2.78	2.79	2.78	2.78	2.80	2.83	2.79	2.80	
INTERDISCIPL./OTHER SCIENCES	3.34	3.41	3.37	3.36	3.31	3.35	3.34	3.34	3.35	3.36	
TOTAL OF SCIENCE, MATH & ENGINEERING	3.08	3.04	3.03	3.04	3.05	3.06	3.08	3.09	3.07	3.04	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.34	3.36	3.26	3.20	3.15	3.14	3.18	3.20	3.19	3.19	
COMPUTER SCIENCE	2.62	2.77	2.73	2.70	2.69	2.70	2.67	2.67	2.70	2.67	
PHYSICAL SCIENCES	2.93	2.88	2.85	2.80	2.88	2.75	2.77	2.81	2.76	2.76	
ARCHITECTURE/ENVIR. ENG.	2.51	2.49	2.54	2.52	2.52	2.54	2.52	2.53	2.50	2.47	
ENGINEERING	2.75	2.80	2.83	2.82	2.79	2.79	2.83	2.83	2.80	2.81	
LIFE SCIENCES	2.51	2.56	2.56	2.51	2.49	2.50	2.48	2.56	2.52	2.49	
EARTH & ENVIRONMENTAL SCI.	2.46	2.39	2.39	2.36	2.41	2.38	2.43	2.37	2.22	2.35	
PSYCHOLOGY	2.23	2.31	2.29	2.29	2.29	2.31	2.30	2.28	2.27	2.27	
SOCIAL SCIENCES	2.30	2.32	2.30	2.36	2.31	2.31	2.31	2.30	2.25	2.27	
INTERDISCIPL./OTHER SCIENCES	2.75	2.72	2.79	2.83	2.81	2.68	2.64	2.90	2.59	2.96	
TOTAL OF SCIENCE, MATH & ENGINEERING	2.61	2.65	2.67	2.67	2.66	2.67	2.69	2.70	2.68	2.68	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.52	3.50	3.51	3.36	3.32	3.36	3.30	3.38	3.30	3.34	
COMPUTER SCIENCE	2.81	2.83	2.89	2.83	2.80	2.79	2.78	2.76	2.74	2.73	
PHYSICAL SCIENCES	3.10	2.75	2.90	2.87	2.95	2.89	2.89	2.96	2.79	2.93	
ARCHITECTURE/ENVIR. ENG.	2.77	2.70	2.72	2.76	2.62	2.65	2.63	2.67	2.66	2.71	
ENGINEERING	3.14	3.28	3.18	3.16	3.08	3.05	3.04	3.09	3.03	3.03	
LIFE SCIENCES	2.69	2.56	2.62	2.63	2.60	2.64	2.59	2.59	2.66	2.69	
EARTH & ENVIRONMENTAL SCI.	2.58	2.60	2.71	2.54	2.38	2.26	2.51	2.53	2.59	2.50	
PSYCHOLOGY	2.42	2.40	2.41	2.39	2.35	2.39	2.39	2.33	2.37	2.39	
SOCIAL SCIENCES	2.40	2.38	2.39	2.38	2.33	2.32	2.35	2.34	2.36	2.32	
INTERDISCIPL./OTHER SCIENCES	2.70	2.68	2.59	2.58	2.74	2.62	2.61	3.05	2.74	2.98	
TOTAL OF SCIENCE, MATH & ENGINEERING	2.66	2.60	2.62	2.62	2.61	2.65	2.68	2.70	2.69	2.68	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.60	3.63	3.58	3.57	3.57	3.54	3.53	3.56	3.57	3.56	
COMPUTER SCIENCE	3.15	3.18	3.19	3.15	3.15	3.13	3.12	3.09	3.05	3.05	
PHYSICAL SCIENCES	3.36	3.39	3.39	3.34	3.31	3.38	3.37	3.36	3.34	3.40	
ARCHITECTURE/ENVIR. ENG.	2.86	2.90	2.88	2.87	2.91	2.88	2.86	2.83	2.85	2.86	
ENGINEERING	3.16	3.17	3.18	3.20	3.18	3.20	3.22	3.25	3.25	3.27	
LIFE SCIENCES	2.99	2.91	2.91	2.96	2.96	2.92	2.98	3.02	3.04	3.08	
EARTH & ENVIRONMENTAL SCI.	2.78	2.69	2.68	2.68	2.64	2.65	2.65	2.73	2.65	2.70	
PSYCHOLOGY	2.62	2.63	2.57	2.56	2.58	2.59	2.59	2.61	2.57	2.57	
SOCIAL SCIENCES	2.74	2.60	2.58	2.61	2.64	2.62	2.64	2.64	2.63	2.65	
INTERDISCIPL./OTHER SCIENCES	3.25	3.35	3.28	3.27	3.31	3.35	3.26	3.30	3.22	3.29	
TOTAL OF SCIENCE, MATH & ENGINEERING	3.01	2.97	2.96	3.00	3.01	3.03	3.05	3.07	3.06	3.07	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.66	3.68	3.66	3.63	3.61	3.61	3.59	3.59	3.61	3.59	
COMPUTER SCIENCE	3.19	3.25	3.23	3.21	3.18	3.16	3.14	3.10	3.06	3.04	
PHYSICAL SCIENCES											
ASTRONOMY	3.14	3.20	3.18	3.12	3.14	3.08	3.14	3.10	3.11	3.10	
CHEMISTRY	3.34	3.33	3.32	3.30	3.27	3.27	3.26	3.28	3.25	3.28	
PHYSICS	3.55	3.56	3.54	3.50	3.49	3.50	3.47	3.47	3.47	3.46	
ARCHITECTURE/ENVIR. ENG.	2.89	2.94	2.92	2.91	2.89	2.88	2.86	2.85	2.84	2.83	
ENGINEERING											
AEROSPACE ENGINEERING	3.02	3.07	3.09	3.07	3.07	3.08	3.11	3.12	3.14	3.15	
ELECTRICAL ENGINEERING	3.07	3.11	3.11	3.11	3.10	3.13	3.16	3.18	3.22	3.22	
CHEMICAL ENGINEERING	3.49	3.53	3.50	3.48	3.48	3.47	3.47	3.46	3.45	3.47	
MECHANICAL ENGINEERING	3.04	3.06	3.07	3.07	3.07	3.07	3.08	3.10	3.10	3.12	
CIVIL ENGINEERING	3.23	3.22	3.22	3.20	3.16	3.16	3.16	3.17	3.15	3.15	
OTHER ENGINEERING	3.22	3.28	3.27	3.26	3.24	3.25	3.25	3.28	3.28	3.27	
LIFE SCIENCES											
AGRICULTURE	2.65	2.72	2.66	2.66	2.66	2.66	2.65	2.66	2.62	2.64	
BIOLOGICAL SCIENCES	3.07	3.06	3.04	3.04	3.03	3.01	3.02	3.04	3.04	3.07	
EARTH & ENVIRONMENTAL SCI.	2.80	2.84	2.83	2.79	2.77	2.76	2.76	2.76	2.73	2.75	
PSYCHOLOGY											
CHILD PSYCHOLOGY	2.64	2.66	2.62	2.62	2.60	2.62	2.59	2.60	2.62	2.59	
GENERAL PSYCHOLOGY	2.75	2.75	2.76	2.75	2.73	2.73	2.72	2.72	2.71	2.72	
SOCIAL PSYCHOLOGY	2.63	2.63	2.61	2.62	2.62	2.62	2.62	2.62	2.60	2.61	
SOCIAL SCIENCES											
ECONOMICS	3.10	3.13	3.09	3.10	3.09	3.06	3.10	3.10	3.08	3.07	
INTERNATIONAL RELATIONS	2.94	2.97	2.94	2.94	2.90	2.94	2.93	2.96	2.96	2.99	
LAW ENFORCEMENT	2.51	2.48	2.47	2.45	2.43	2.42	2.41	2.42	2.42	2.41	
POLITICAL SCIENCE	0.00	2.93	2.84	2.83	2.80	2.79	2.78	2.80	2.77	2.77	
SOCIOLOGY	0.00	2.59	2.56	2.57	2.54	2.54	2.53	2.55	2.52	2.53	
OTHER SOCIAL SCIENCES	2.81	2.70	2.71	2.71	2.71	2.69	2.70	2.73	2.71	2.71	
INTERDISCIPL./OTHER SCIENCES	3.25	3.37	3.33	3.28	3.26	3.29	3.25	3.27	3.28	3.28	
TOTAL OF SCIENCE, MATH & ENGINEERING	3.04	3.02	3.01	3.01	3.01	3.03	3.04	3.05	3.03	3.02	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.63	3.65	3.64	3.61	3.58	3.59	3.55	3.56	3.56	3.54	
COMPUTER SCIENCE	3.20	3.26	3.25	3.20	3.17	3.16	3.14	3.09	3.06	3.06	
PHYSICAL SCIENCES											
ASTRONOMY	3.15	3.21	3.20	3.11	3.17	3.08	3.14	3.09	3.07	3.11	
CHEMISTRY	3.33	3.32	3.30	3.28	3.25	3.25	3.26	3.24	3.22	3.26	
PHYSICS	3.56	3.57	3.55	3.51	3.50	3.50	3.47	3.47	3.48	3.47	
ARCHITECTURE/ENVIR. ENG.	2.87	2.93	2.91	2.89	2.87	2.86	2.83	2.82	2.81	2.79	
ENGINEERING											
AEROSPACE ENGINEERING	3.04	3.09	3.11	3.09	3.09	3.09	3.13	3.13	3.16	3.17	
ELECTRICAL ENGINEERING	3.11	3.13	3.14	3.12	3.12	3.14	3.16	3.18	3.22	3.22	
CHEMICAL ENGINEERING	3.50	3.54	3.49	3.45	3.47	3.46	3.46	3.47	3.45	3.46	
MECHANICAL ENGINEERING	3.06	3.08	3.09	3.07	3.07	3.07	3.08	3.10	3.10	3.12	
CIVIL ENGINEERING	3.22	3.20	3.22	3.19	3.16	3.15	3.17	3.16	3.15	3.14	
OTHER ENGINEERING	3.21	3.26	3.25	3.23	3.21	3.21	3.21	3.24	3.25	3.24	
LIFE SCIENCES											
AGRICULTURE	2.61	2.69	2.62	2.64	2.63	2.64	2.64	2.63	2.60	2.62	
BIOLOGICAL SCIENCES	3.07	3.03	3.00	2.99	2.98	2.97	2.98	3.00	2.98	3.01	
EARTH & ENVIRONMENTAL SCI.	2.76	2.81	2.80	2.76	2.74	2.73	2.72	2.72	2.68	2.69	
PSYCHOLOGY											
CHILD PSYCHOLOGY	2.57	2.54	2.55	2.53	2.51	2.51	2.53	2.52	2.53	2.52	
GENERAL PSYCHOLOGY	2.70	2.73	2.75	2.71	2.68	2.68	2.66	2.64	2.63	2.63	
SOCIAL PSYCHOLOGY	2.61	2.61	2.54	2.66	2.61	2.60	2.58	2.52	2.55	2.59	
SOCIAL SCIENCES											
ECONOMICS	3.09	3.15	3.12	3.08	3.02	3.04	3.07	3.10	3.11	3.07	
INTERNATIONAL RELATIONS	2.85	2.97	2.95	2.88	2.89	2.89	2.89	2.98	2.97	2.96	
LAW ENFORCEMENT	2.47	2.46	2.45	2.42	2.41	2.42	2.39	2.39	2.40	2.41	
POLITICAL SCIENCE	0.00	2.95	2.86	2.83	2.82	2.79	2.78	2.80	2.77	2.76	
SOCIOLOGY	0.00	2.64	2.54	2.47	2.42	2.49	2.52	2.37	2.46	2.52	
OTHER SOCIAL SCIENCES	2.81	2.75	2.76	2.77	2.76	2.72	2.74	2.74	2.73	2.72	
INTERDISCIPL./OTHER SCIENCES	3.25	3.38	3.35	3.27	3.25	3.28	3.24	3.25	3.28	3.25	
TOTAL OF SCIENCE, MATH & ENGINEERING	3.06	3.07	3.07	3.05	3.05	3.06	3.07	3.07	3.06	3.06	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.74	3.76	3.74	3.72	3.70	3.70	3.69	3.67	3.69	3.68	
COMPUTER SCIENCE	3.44	3.46	3.43	3.42	3.38	3.35	3.31	3.27	3.23	3.22	
PHYSICAL SCIENCES											
ASTRONOMY	3.17	3.26	3.19	3.20	3.16	3.24	3.18	3.19	3.28	3.18	
CHEMISTRY	3.48	3.44	3.43	3.43	3.38	3.38	3.35	3.39	3.38	3.34	
PHYSICS	3.54	3.63	3.61	3.63	3.55	3.54	3.51	3.55	3.51	3.48	
ARCHITECTURE/ENVIR. ENG.	3.17	3.19	3.13	3.15	3.12	3.09	3.07	3.06	3.07	3.06	
ENGINEERING											
AEROSPACE ENGINEERING	3.31	3.31	3.27	3.27	3.28	3.27	3.29	3.34	3.36	3.33	
ELECTRICAL ENGINEERING	3.53	3.59	3.46	3.53	3.46	3.51	3.48	3.49	3.52	3.50	
CHEMICAL ENGINEERING	3.66	3.66	3.67	3.66	3.61	3.59	3.62	3.57	3.59	3.59	
MECHANICAL ENGINEERING	3.52	3.41	3.43	3.40	3.38	3.43	3.36	3.37	3.43	3.41	
CIVIL ENGINEERING	3.61	3.54	3.54	3.50	3.42	3.44	3.48	3.43	3.40	3.40	
OTHER ENGINEERING	3.59	3.60	3.58	3.57	3.55	3.54	3.53	3.54	3.54	3.52	
LIFE SCIENCES											
AGRICULTURE	2.76	2.78	2.74	2.74	2.74	2.72	2.72	2.72	2.68	2.72	
BIOLOGICAL SCIENCES	3.13	3.15	3.13	3.12	3.12	3.11	3.10	3.11	3.13	3.15	
EARTH & ENVIRONMENTAL SCI.	2.93	2.97	2.95	2.91	2.91	2.89	2.89	2.87	2.88	2.86	
PSYCHOLOGY											
CHILD PSYCHOLOGY	2.73	2.75	2.72	2.70	2.69	2.69	2.65	2.66	2.67	2.64	
GENERAL PSYCHOLOGY	2.83	2.83	2.83	2.83	2.82	2.80	2.78	2.79	2.79	2.79	
SOCIAL PSYCHOLOGY	2.71	2.69	2.69	2.68	2.70	2.69	2.68	2.68	2.66	2.66	
SOCIAL SCIENCES											
ECONOMICS	3.29	3.23	3.16	3.22	3.28	3.19	3.25	3.18	3.13	3.15	
INTERNATIONAL RELATIONS	3.10	2.99	2.99	3.04	2.99	3.01	3.04	3.01	3.01	3.03	
LAW ENFORCEMENT	2.68	2.61	2.61	2.59	2.55	2.54	2.52	2.55	2.54	2.52	
POLITICAL SCIENCE	0.00	3.00	2.94	2.94	2.89	2.90	2.89	2.93	2.87	2.87	
SOCIOLOGY	0.00	2.70	2.66	2.67	2.68	2.64	2.60	2.68	2.59	2.64	
OTHER SOCIAL SCIENCES	2.89	2.77	2.78	2.78	2.77	2.76	2.77	2.81	2.77	2.78	
INTERDISCIPL./OTHER SCIENCES	3.34	3.41	3.37	3.36	3.31	3.35	3.34	3.34	3.35	3.36	
TOTAL OF SCIENCE, MATH & ENGINEERING	3.08	3.04	3.03	3.04	3.05	3.06	3.08	3.09	3.07	3.04	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.34	3.36	3.26	3.20	3.15	3.14	3.18	3.20	3.19	3.19	
COMPUTER SCIENCE	2.62	2.77	2.73	2.70	2.69	2.70	2.67	2.67	2.70	2.67	
PHYSICAL SCIENCES											
ASTRONOMY	2.52	2.55	2.64	2.32	2.54	2.54	2.80	2.59	2.59	2.59	
CHEMISTRY	2.97	2.82	2.83	2.76	2.88	2.77	2.55	2.83	2.72	2.69	
PHYSICS	3.07	3.11	2.97	3.07	3.06	2.84	3.14	2.88	2.95	2.91	
ARCHITECTURE/ENVIR. ENG.	2.51	2.49	2.54	2.52	2.52	2.54	2.52	2.53	2.50	2.47	
ENGINEERING											
AEROSPACE ENGINEERING	2.61	2.64	2.72	2.71	2.69	2.72	2.79	2.72	2.74	2.77	
ELECTRICAL ENGINEERING	2.74	2.74	2.80	2.77	2.75	2.73	2.78	2.83	2.81	2.80	
CHEMICAL ENGINEERING	3.16	3.16	3.12	3.17	3.11	3.11	3.15	3.06	3.06	3.06	
MECHANICAL ENGINEERING	2.68	2.73	2.71	2.75	2.77	2.76	2.78	2.74	2.74	2.71	
CIVIL ENGINEERING	2.95	2.98	2.91	2.93	2.85	2.80	2.83	2.84	2.89	2.85	
OTHER ENGINEERING	2.74	2.87	2.88	2.87	2.83	2.83	2.86	2.88	2.78	2.85	
LIFE SCIENCES											
AGRICULTURE	2.27	2.40	2.46	2.25	2.29	2.40	2.28	2.31	2.30	2.27	
BIOLOGICAL SCIENCES	2.55	2.61	2.59	2.59	2.56	2.53	2.53	2.62	2.56	2.53	
EARTH & ENVIRONMENTAL SCI.	2.46	2.39	2.39	2.36	2.41	2.38	2.43	2.37	2.22	2.35	
PSYCHOLOGY											
CHILD PSYCHOLOGY	2.24	2.32	2.09	2.09	2.30	2.17	2.27	2.15	2.23	2.20	
GENERAL PSYCHOLOGY	2.25	2.37	2.36	2.34	2.33	2.33	2.28	2.33	2.33	2.29	
SOCIAL PSYCHOLOGY	2.16	2.06	2.29	2.37	2.13	2.37	2.39	2.23	2.06	2.27	
SOCIAL SCIENCES											
ECONOMICS	2.64	2.69	2.82	2.92	2.72	2.58	2.48	2.70	2.80	2.50	
INTERNATIONAL RELATIONS	2.37	2.76	2.55	2.77	2.26	2.07	2.41	2.61	2.24	2.65	
LAW ENFORCEMENT	2.09	2.18	2.19	2.24	2.17	2.30	2.32	2.19	2.17	2.15	
POLITICAL SCIENCE	0.00	2.44	2.34	2.35	2.42	2.31	2.30	2.29	2.34	2.33	
SOCIOLOGY	0.00	2.17	2.25	2.27	2.01	2.14	2.24	2.17	1.98	2.10	
OTHER SOCIAL SCIENCES	2.29	2.30	2.26	2.34	2.33	2.33	2.27	2.31	2.19	2.28	
INTERDISCIPL./OTHER SCIENCES	2.75	2.72	2.79	2.83	2.81	2.68	2.64	2.90	2.59	2.96	
TOTAL OF SCIENCE, MATH & ENGINEERING	2.61	2.65	2.67	2.67	2.66	2.67	2.69	2.70	2.68	2.68	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.52	3.50	3.51	3.36	3.32	3.36	3.30	3.38	3.30	3.34	
COMPUTER SCIENCE	2.81	2.83	2.89	2.83	2.80	2.79	2.78	2.76	2.74	2.73	
PHYSICAL SCIENCES											
ASTRONOMY	3.00	3.00	2.50	2.57	2.56	2.83	2.20	3.60	2.80	1.33	
CHEMISTRY	3.10	2.76	2.91	2.92	2.95	2.84	2.88	2.95	2.79	2.97	
PHYSICS	3.13	2.53	3.00	2.59	3.11	3.19	3.10	2.84	2.82	2.89	
ARCHITECTURE/ENVIR. ENG.	2.77	2.70	2.72	2.76	2.62	2.65	2.63	2.67	2.66	2.71	
ENGINEERING											
AEROSPACE ENGINEERING	2.94	2.89	2.92	2.90	2.73	2.67	2.80	2.98	2.79	2.79	
ELECTRICAL ENGINEERING	2.94	3.30	3.08	3.03	3.03	3.07	3.06	3.08	3.03	3.06	
CHEMICAL ENGINEERING	3.30	3.27	3.21	3.31	3.27	3.17	3.10	3.13	3.06	3.17	
MECHANICAL ENGINEERING	3.05	3.36	3.08	3.06	3.06	2.93	3.06	2.97	2.99	2.86	
CIVIL ENGINEERING	3.16	3.19	3.14	3.15	3.03	2.95	2.95	3.04	2.90	3.00	
OTHER ENGINEERING	3.17	3.33	3.26	3.20	3.10	3.09	3.06	3.12	3.09	3.04	
LIFE SCIENCES											
AGRICULTURE	2.53	2.35	2.28	2.42	2.23	2.54	2.46	2.38	2.60	2.18	
BIOLOGICAL SCIENCES	2.70	2.58	2.64	2.65	2.63	2.64	2.60	2.60	2.66	2.73	
EARTH & ENVIRONMENTAL SCI.	2.58	2.60	2.71	2.54	2.38	2.26	2.51	2.53	2.59	2.50	
PSYCHOLOGY											
CHILD PSYCHOLOGY	2.38	2.36	2.31	2.38	2.31	2.37	2.37	2.28	2.35	2.33	
GENERAL PSYCHOLOGY	2.43	2.43	2.48	2.40	2.37	2.43	2.45	2.37	2.40	2.44	
SOCIAL PSYCHOLOGY	2.48	2.42	2.40	2.37	2.35	2.32	2.21	2.29	2.30	2.36	
SOCIAL SCIENCES											
ECONOMICS	2.77	2.42	2.59	2.53	2.62	2.57	2.77	2.69	2.72	2.60	
INTERNATIONAL RELATIONS	2.33	2.71	2.61	2.26	2.62	2.64	2.41	2.45	2.66	2.51	
LAW ENFORCEMENT	2.02	2.30	2.29	2.33	2.29	2.24	2.32	2.31	2.39	2.32	
POLITICAL SCIENCE	0.00	2.51	2.51	2.47	2.46	2.43	2.48	2.35	2.38	2.45	
SOCIOLOGY	0.00	2.41	2.35	2.36	2.27	2.24	2.37	2.24	2.34	2.21	
OTHER SOCIAL SCIENCES	2.41	2.34	2.38	2.37	2.30	2.30	2.30	2.33	2.31	2.26	
INTERDISCIPL./OTHER SCIENCES	2.70	2.68	2.59	2.58	2.74	2.62	2.61	3.05	2.74	2.98	
TOTAL OF SCIENCE, MATH & ENGINEERING	2.66	2.60	2.62	2.62	2.61	2.65	2.68	2.70	2.69	2.68	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR									
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	3.60	3.63	3.58	3.57	3.57	3.54	3.53	3.56	3.57	3.56	
COMPUTER SCIENCE	3.15	3.18	3.19	3.15	3.15	3.13	3.12	3.09	3.05	3.05	
PHYSICAL SCIENCES											
ASTRONOMY	3.11	3.20	3.20	3.16	3.09	3.01	3.16	3.05	3.15	3.04	
CHEMISTRY	3.27	3.29	3.36	3.30	3.22	3.34	3.29	3.35	3.29	3.39	
PHYSICS	3.57	3.60	3.48	3.46	3.51	3.55	3.51	3.48	3.49	3.50	
ARCHITECTURE/ENVIR. ENG.	2.86	2.90	2.88	2.87	2.91	2.88	2.86	2.83	2.85	2.86	
ENGINEERING											
AEROSPACE ENGINEERING	3.02	3.03	3.06	3.09	3.06	3.06	3.08	3.12	3.12	3.13	
ELECTRICAL ENGINEERING	3.08	3.14	3.11	3.15	3.16	3.22	3.26	3.25	3.32	3.32	
CHEMICAL ENGINEERING	3.41	3.49	3.48	3.53	3.49	3.51	3.46	3.48	3.49	3.51	
MECHANICAL ENGINEERING	3.00	3.00	3.06	3.09	3.08	3.06	3.07	3.14	3.12	3.15	
CIVIL ENGINEERING	3.16	3.19	3.21	3.20	3.12	3.15	3.10	3.18	3.09	3.15	
OTHER ENGINEERING	3.23	3.24	3.24	3.26	3.22	3.24	3.25	3.29	3.28	3.30	
LIFE SCIENCES											
AGRICULTURE	2.62	2.56	2.56	2.58	2.60	2.49	2.52	2.63	2.55	2.55	
BIOLOGICAL SCIENCES	3.06	3.02	3.01	3.06	3.06	3.03	3.09	3.09	3.11	3.14	
EARTH & ENVIRONMENTAL SCI.	2.78	2.69	2.68	2.68	2.64	2.65	2.65	2.73	2.65	2.70	
PSYCHOLOGY											
CHILD PSYCHOLOGY	2.56	2.58	2.50	2.49	2.49	2.59	2.51	2.51	2.52	2.48	
GENERAL PSYCHOLOGY	2.67	2.65	2.60	2.62	2.62	2.62	2.63	2.65	2.60	2.61	
SOCIAL PSYCHOLOGY	2.46	2.58	2.55	2.46	2.54	2.48	2.58	2.63	2.50	2.56	
SOCIAL SCIENCES											
ECONOMICS	2.98	3.08	2.99	3.12	3.10	3.06	3.06	3.06	3.02	3.12	
INTERNATIONAL RELATIONS	2.68	2.92	2.78	2.85	2.73	2.93	2.75	2.86	2.82	2.96	
LAW ENFORCEMENT	2.42	2.35	2.40	2.36	2.35	2.28	2.36	2.42	2.33	2.30	
POLITICAL SCIENCE	0.00	2.89	2.74	2.81	2.78	2.72	2.72	2.69	2.74	2.71	
SOCIOLOGY	0.00	2.38	2.44	2.57	2.45	2.53	2.46	2.55	2.51	2.37	
OTHER SOCIAL SCIENCES	2.73	2.57	2.58	2.58	2.65	2.59	2.63	2.60	2.62	2.64	
INTERDISCIPL./OTHER SCIENCES	3.25	3.35	3.28	3.27	3.31	3.35	3.26	3.30	3.22	3.29	
TOTAL OF SCIENCE, MATH & ENGINEERING	3.01	2.97	2.96	3.00	3.01	3.03	3.05	3.07	3.06	3.07	

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	83	83	82	82	82	81	81	81	81	81	82
COMPUTER SCIENCE	77	77	77	77	76	76	75	75	74	73	72
PHYSICAL SCIENCES	85	84	84	84	83	83	83	83	82	83	83
ARCHITECTURE/ENVIR. ENG.	74	73	72	72	72	71	71	70	70	69	70
ENGINEERING	78	78	78	78	78	78	78	78	78	78	79
LIFE SCIENCES	78	77	76	76	75	75	75	76	76	76	77
EARTH & ENVIRONMENTAL SCI.	76	74	73	72	72	72	71	71	71	71	71
PSYCHOLOGY	75	73	72	71	71	70	70	70	69	69	70
SOCIAL SCIENCES	77	73	71	72	72	71	72	72	71	71	71
INTERDISCIPL./OTHER SCIENCES	82	84	83	82	82	82	82	82	82	81	83
TOTAL OF SCIENCE, MATH & ENGINEERING	78	76	76	76	76	75	75	75	75	75	75

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	82	82	82	82	81	81	80	80	80	80	81
COMPUTER SCIENCE	77	77	77	77	76	75	75	74	73	73	73
PHYSICAL SCIENCES	85	84	84	84	83	83	83	83	82	83	83
ARCHITECTURE/ENVIR. ENG.	73	72	72	71	71	70	70	69	68	68	69
ENGINEERING	78	78	77	77	77	77	77	78	78	78	79
LIFE SCIENCES	77	75	74	74	73	73	73	74	74	74	74
EARTH & ENVIRONMENTAL SCI.	75	73	72	71	71	70	70	70	69	69	69
PSYCHOLOGY	73	72	71	71	70	69	69	69	67	67	68
SOCIAL SCIENCES	76	72	71	71	71	71	71	70	70	69	69
INTERDISCIPL./OTHER SCIENCES	81	84	83	82	82	82	81	81	82	80	82
TOTAL OF SCIENCE, MATH & ENGINEERING	77	76	76	76	76	75	75	75	75	75	75

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	85	85	85	84	84	84	83	83	84	84	85
COMPUTER SCIENCE	82	82	81	81	80	80	79	78	77	76	75
PHYSICAL SCIENCES	87	86	85	86	85	85	85	85	85	84	85
ARCHITECTURE/ENVIR. ENG.	80	79	78	78	77	77	76	76	76	75	76
ENGINEERING	88	87	87	86	86	86	86	86	86	85	86
LIFE SCIENCES	80	79	79	78	78	78	78	78	79	79	79
EARTH & ENVIRONMENTAL SCI.	79	78	77	76	76	76	75	75	75	74	74
PSYCHOLOGY	76	74	73	72	72	72	71	71	70	70	71
SOCIAL SCIENCES	78	75	74	74	74	74	74	74	74	74	73
INTERDISCIPL./OTHER SCIENCES	84	86	85	85	84	85	84	84	84	84	85
TOTAL OF SCIENCE, MATH & ENGINEERING	80	78	77	77	77	77	77	77	77	76	76

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	75	71	71	69	69	66	69	70	68	70	73
COMPUTER SCIENCE	70	70	69	68	68	68	68	68	67	67	66
PHYSICAL SCIENCES	76	76	75	76	74	73	74	74	72	75	73
ARCHITECTURE/ENVIR. ENG.	70	67	67	67	66	66	67	65	65	64	66
ENGINEERING	73	72	72	72	72	71	72	72	71	71	72
LIFE SCIENCES	73	71	70	69	70	69	68	69	68	67	69
EARTH & ENVIRONMENTAL SCI.	70	68	67	66	67	64	64	62	66	64	65
PSYCHOLOGY	69	64	64	64	63	63	65	62	64	63	64
SOCIAL SCIENCES	68	66	65	66	65	66	65	65	63	64	63
INTERDISCIPL./OTHER SCIENCES	75	69	73	73	73	68	69	72	66	73	75
TOTAL OF SCIENCE, MATH & ENGINEERING	72	70	69	69	69	69	70	69	69	69	69

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	78	76	76	71	73	74	74	73	73	74	79
COMPUTER SCIENCE	74	70	71	70	70	70	70	70	69	69	69
PHYSICAL SCIENCES	77	76	74	75	76	77	77	76	74	76	75
ARCHITECTURE/ENVIR. ENG.	74	69	69	70	69	70	68	69	67	68	68
ENGINEERING	80	81	81	79	79	78	77	79	78	78	78
LIFE SCIENCES	74	72	72	71	72	72	71	72	73	72	72
EARTH & ENVIRONMENTAL SCI.	71	70	69	71	67	66	69	70	70	65	66
PSYCHOLOGY	71	68	67	66	65	65	66	65	65	65	66
SOCIAL SCIENCES	69	65	65	65	64	64	65	66	65	64	65
INTERDISCIPL./OTHER SCIENCES	73	74	72	70	73	72	73	75	76	71	79
TOTAL OF SCIENCE, MATH & ENGINEERING	73	69	69	69	69	70	70	70	70	69	70

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	82	81	80	80	79	78	78	77	78	79	82
COMPUTER SCIENCE	77	77	76	76	75	75	74	74	73	73	73
PHYSICAL SCIENCES	85	83	83	83	82	83	82	83	82	82	83
ARCHITECTURE/ENVIR. ENG.	74	73	72	71	71	71	70	70	69	70	71
ENGINEERING	78	77	77	77	77	77	77	78	78	78	79
LIFE SCIENCES	78	76	76	77	75	76	76	77	77	77	79
EARTH & ENVIRONMENTAL SCI.	75	73	71	72	71	70	70	70	69	68	69
PSYCHOLOGY	73	72	70	69	69	69	69	69	68	67	69
SOCIAL SCIENCES	76	71	70	70	71	71	71	71	71	71	71
INTERDISCIPL./OTHER SCIENCES	82	83	82	82	83	81	81	82	81	81	84
TOTAL OF SCIENCE, MATH & ENGINEERING	78	76	75	75	75	75	75	75	75	75	76

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	83	83	82	82	82	81	81	81	81	81	82
COMPUTER SCIENCE	77	77	77	77	76	76	75	75	74	73	72
PHYSICAL SCIENCES											
ASTRONOMY	81	81	79	79	79	79	79	78	78	78	80
CHEMISTRY	85	83	83	83	83	82	82	82	81	82	82
PHYSICS	88	87	87	87	86	86	86	85	85	85	85
ARCHITECTURE/ENVIR. ENG.	74	73	72	72	72	71	71	70	70	69	70
ENGINEERING											
AEROSPACE ENGINEERING	77	76	76	76	76	76	77	77	78	78	79
ELECTRICAL ENGINEERING	76	76	75	75	75	76	76	77	77	77	78
CHEMICAL ENGINEERING	87	86	86	85	86	85	85	85	85	85	85
MECHANICAL ENGINEERING	76	74	74	74	74	74	74	75	74	75	76
CIVIL ENGINEERING	79	78	78	77	77	77	76	76	76	76	76
OTHER ENGINEERING	79	80	80	79	79	79	79	80	80	79	80
LIFE SCIENCES											
AGRICULTURE	71	71	69	69	68	68	68	68	67	67	67
BIOLOGICAL SCIENCES	80	80	79	79	79	78	78	79	79	79	79
EARTH & ENVIRONMENTAL SCI.	76	74	73	72	72	72	71	71	71	71	71
PSYCHOLOGY											
CHILD PSYCHOLOGY	73	71	68	68	68	67	67	67	67	66	67
GENERAL PSYCHOLOGY	75	74	73	73	72	72	71	71	71	70	71
SOCIAL PSYCHOLOGY	74	71	70	70	70	69	69	68	68	68	68
SOCIAL SCIENCES											
ECONOMICS	82	82	81	81	81	80	80	81	80	80	81
INTERNATIONAL RELATIONS	83	82	82	82	81	81	81	82	81	81	82
LAW ENFORCEMENT	69	64	63	62	61	61	61	61	61	60	62
POLITICAL SCIENCE	0	79	78	77	77	76	76	76	76	76	77
SOCIOLOGY	0	70	69	69	68	68	67	67	66	66	66
OTHER SOCIAL SCIENCES	76	73	72	72	72	71	72	72	72	71	71
INTERDISCIPL./OTHER SCIENCES	82	84	83	82	82	82	82	82	82	81	83
TOTAL OF SCIENCE, MATH & ENGINEERING	78	76	76	76	76	75	75	75	75	75	75

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	82	82	82	82	81	81	80	80	80	80	81
COMPUTER SCIENCE	77	77	77	77	76	75	75	74	73	73	73
PHYSICAL SCIENCES											
ASTRONOMY	81	81	79	79	80	78	79	78	78	77	80
CHEMISTRY	84	83	83	82	82	82	82	81	80	81	82
PHYSICS	88	87	87	87	86	85	86	85	85	86	85
ARCHITECTURE/ENVIR. ENG.	73	72	72	71	71	70	70	69	68	68	69
ENGINEERING											
AEROSPACE ENGINEERING	77	77	76	76	76	76	77	77	78	78	79
ELECTRICAL ENGINEERING	76	76	75	75	76	76	76	77	77	77	78
CHEMICAL ENGINEERING	86	86	86	85	85	85	85	85	85	85	85
MECHANICAL ENGINEERING	75	74	74	74	74	74	74	75	74	75	76
CIVIL ENGINEERING	78	77	78	77	76	76	76	76	76	75	76
OTHER ENGINEERING	78	79	79	78	78	78	78	79	79	78	79
LIFE SCIENCES											
AGRICULTURE	69	69	68	68	67	67	67	66	66	66	66
BIOLOGICAL SCIENCES	80	79	78	77	77	77	77	77	77	77	78
EARTH & ENVIRONMENTAL SCI.	75	73	72	71	71	70	70	70	69	69	69
PSYCHOLOGY											
CHILD PSYCHOLOGY	71	66	65	66	64	64	63	63	64	60	65
GENERAL PSYCHOLOGY	73	73	72	72	71	70	69	70	68	68	68
SOCIAL PSYCHOLOGY	74	69	70	70	70	68	68	67	66	66	68
SOCIAL SCIENCES											
ECONOMICS	82	82	81	81	79	79	79	80	80	79	80
INTERNATIONAL RELATIONS	82	83	82	81	81	80	82	82	80	81	81
LAW ENFORCEMENT	68	62	61	61	60	60	59	59	59	59	60
POLITICAL SCIENCE	0	79	78	77	77	76	76	76	75	75	77
SOCIOLOGY	0	69	67	68	68	67	67	67	62	64	67
OTHER SOCIAL SCIENCES	76	74	73	73	73	72	73	73	72	71	71
INTERDISCIPL./OTHER SCIENCES	81	84	83	82	82	82	81	81	82	80	82
TOTAL OF SCIENCE, MATH & ENGINEERING	77	76	76	76	76	75	75	75	75	75	75

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	85	85	85	84	84	84	83	83	84	84	85
COMPUTER SCIENCE	82	82	81	81	80	80	79	78	77	76	75
PHYSICAL SCIENCES											
ASTRONOMY	83	84	81	81	81	82	82	81	83	83	83
CHEMISTRY	88	86	85	86	85	85	84	84	84	84	85
PHYSICS	88	89	88	89	88	89	87	88	88	86	88
ARCHITECTURE/ENVIR. ENG.	80	79	78	78	77	77	76	76	76	75	76
ENGINEERING											
AEROSPACE ENGINEERING	84	82	82	81	81	81	82	83	83	82	84
ELECTRICAL ENGINEERING	87	87	84	86	85	85	85	86	86	85	86
CHEMICAL ENGINEERING	90	90	90	89	89	89	89	89	88	88	88
MECHANICAL ENGINEERING	87	82	83	83	82	83	82	82	82	83	82
CIVIL ENGINEERING	87	87	85	85	84	84	83	83	83	84	84
OTHER ENGINEERING	87	87	88	87	87	86	86	86	87	86	87
LIFE SCIENCES											
AGRICULTURE	74	73	71	71	70	70	70	70	70	69	69
BIOLOGICAL SCIENCES	82	82	81	81	81	80	80	81	81	81	81
EARTH & ENVIRONMENTAL SCI.	79	78	77	76	76	76	75	75	75	74	74
PSYCHOLOGY											
CHILD PSYCHOLOGY	74	72	70	69	69	68	68	68	67	67	68
GENERAL PSYCHOLOGY	76	76	75	74	74	73	73	73	72	72	72
SOCIAL PSYCHOLOGY	76	72	72	71	72	71	70	69	69	69	68
SOCIAL SCIENCES											
ECONOMICS	85	84	82	84	84	83	82	82	82	82	83
INTERNATIONAL RELATIONS	86	83	83	84	82	82	83	83	82	83	83
LAW ENFORCEMENT	72	68	66	66	65	64	65	65	65	63	64
POLITICAL SCIENCE	0	82	80	80	79	79	79	79	78	78	79
SOCIOLOGY	0	72	71	71	70	69	69	69	68	68	68
OTHER SOCIAL SCIENCES	78	74	74	73	73	73	73	74	73	72	72
INTERDISCIPL./OTHER SCIENCES	84	86	85	85	84	85	84	84	84	84	85
TOTAL OF SCIENCE, MATH & ENGINEERING	80	78	77	77	77	77	77	77	77	76	76

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS (BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	75	71	71	69	69	66	69	70	68	70	73
COMPUTER SCIENCE	70	70	69	68	68	68	68	68	67	67	66
PHYSICAL SCIENCES											
ASTRONOMY	76	69	69	69	61	67	72	70	65	70	68
CHEMISTRY	76	73	75	75	75	73	73	74	74	73	73
PHYSICS	77	83	76	80	79	76	78	74	75	78	75
ARCHITECTURE/ENVIR. ENG.	70	67	67	67	66	66	67	65	65	64	66
ENGINEERING											
AEROSPACE ENGINEERING	73	71	71	71	71	71	73	72	71	72	72
ELECTRICAL ENGINEERING	71	70	70	70	70	69	71	71	71	71	71
CHEMICAL ENGINEERING	82	80	81	79	80	80	80	77	76	79	80
MECHANICAL ENGINEERING	71	69	69	69	70	69	70	70	69	70	71
CIVIL ENGINEERING	77	77	76	75	74	74	73	71	73	73	70
OTHER ENGINEERING	73	73	73	73	72	72	73	72	72	71	72
LIFE SCIENCES											
AGRICULTURE	69	66	65	63	65	64	64	61	63	63	62
BIOLOGICAL SCIENCES	73	73	71	71	71	70	69	71	69	68	71
EARTH & ENVIRONMENTAL SCI.	70	68	67	66	67	64	64	62	66	64	65
PSYCHOLOGY											
CHILD PSYCHOLOGY	69	63	61	60	62	60	63	59	62	60	59
GENERAL PSYCHOLOGY	69	65	66	66	64	65	65	64	66	63	65
SOCIAL PSYCHOLOGY	66	63	63	62	61	64	67	62	61	62	59
SOCIAL SCIENCES											
ECONOMICS	74	75	78	74	74	77	76	83	76	72	71
INTERNATIONAL RELATIONS	75	77	74	76	73	70	77	76	71	74	75
LAW ENFORCEMENT	58	60	60	60	59	61	59	59	58	58	60
POLITICAL SCIENCE	0	73	69	70	70	68	67	67	68	71	67
SOCIOLOGY	0	62	59	63	61	58	62	63	57	63	56
OTHER SOCIAL SCIENCES	68	65	64	65	65	65	64	65	63	63	63
INTERDISCIPL./OTHER SCIENCES	75	69	73	73	73	68	69	72	66	73	75
TOTAL OF SCIENCE, MATH & ENGINEERING	72	70	69	69	69	69	70	69	69	69	69

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	78	76	76	71	73	74	74	73	73	74	79
COMPUTER SCIENCE	74	70	71	70	70	70	70	70	69	69	69
PHYSICAL SCIENCES											
ASTRONOMY	68	74	79	76	68	78	61	75	74	83	76
CHEMISTRY	78	76	74	75	77	75	78	76	73	76	74
PHYSICS	77	74	73	78	78	83	76	77	79	80	85
ARCHITECTURE/ENVIR. ENG.	74	69	69	70	69	70	68	69	67	68	68
ENGINEERING											
AEROSPACE ENGINEERING	82	76	79	76	74	74	74	74	73	74	76
ELECTRICAL ENGINEERING	77	80	79	77	77	78	75	78	77	77	76
CHEMICAL ENGINEERING	85	83	83	82	82	81	82	82	79	82	82
MECHANICAL ENGINEERING	70	81	80	79	76	75	75	78	77	75	74
CIVIL ENGINEERING	74	79	77	80	78	74	74	77	74	75	78
OTHER ENGINEERING	81	82	81	80	79	79	78	79	79	77	78
LIFE SCIENCES											
AGRICULTURE	71	65	63	67	63	61	62	59	70	60	63
BIOLOGICAL SCIENCES	75	72	73	72	72	73	72	73	73	73	73
EARTH & ENVIRONMENTAL SCI.	71	70	69	71	67	66	69	70	70	65	66
PSYCHOLOGY											
CHILD PSYCHOLOGY	69	66	64	64	64	63	63	64	63	63	63
GENERAL PSYCHOLOGY	71	69	69	68	66	68	68	66	66	66	67
SOCIAL PSYCHOLOGY	71	68	67	64	65	63	65	64	63	64	66
SOCIAL SCIENCES											
ECONOMICS	73	70	72	71	72	75	73	79	75	72	77
INTERNATIONAL RELATIONS	71	76	74	78	73	74	69	77	77	70	76
LAW ENFORCEMENT	66	63	64	63	62	60	63	62	62	61	63
POLITICAL SCIENCE	0	71	73	70	70	71	72	70	69	70	70
SOCIOLOGY	0	65	64	64	64	64	63	62	60	61	61
OTHER SOCIAL SCIENCES	69	63	64	64	63	62	64	64	65	63	62
INTERDISCIPL./OTHER SCIENCES	73	74	72	70	73	72	73	75	76	71	79
TOTAL OF SCIENCE, MATH & ENGINEERING	73	69	69	69	69	70	70	70	70	69	70

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS
(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	82	81	80	80	79	78	78	77	78	79	82
COMPUTER SCIENCE	77	77	76	76	75	75	74	74	73	73	73
PHYSICAL SCIENCES											
ASTRONOMY	79	80	81	78	75	78	76	77	77	78	79
CHEMISTRY	84	81	83	82	82	82	81	82	81	82	83
PHYSICS	88	88	85	86	85	85	85	86	85	84	86
ARCHITECTURE/ENVIR. ENG.	74	73	72	71	71	71	70	70	69	70	71
ENGINEERING											
AEROSPACE ENGINEERING	76	75	75	76	76	75	75	76	77	77	79
ELECTRICAL ENGINEERING	76	76	75	76	76	77	78	77	78	78	79
CHEMICAL ENGINEERING	85	85	85	84	84	84	84	83	84	83	84
MECHANICAL ENGINEERING	77	74	74	75	74	73	73	73	73	74	76
CIVIL ENGINEERING	79	77	77	77	77	76	75	77	75	76	77
OTHER ENGINEERING	79	79	79	79	79	78	78	79	79	79	80
LIFE SCIENCES											
AGRICULTURE	71	68	66	68	66	65	64	67	65	65	67
BIOLOGICAL SCIENCES	80	79	78	79	78	78	79	79	79	79	80
EARTH & ENVIRONMENTAL SCI.	75	73	71	72	71	70	70	70	69	68	69
PSYCHOLOGY											
CHILD PSYCHOLOGY	71	71	67	66	66	66	66	65	65	65	65
GENERAL PSYCHOLOGY	74	72	71	71	70	71	70	70	69	69	70
SOCIAL PSYCHOLOGY	73	69	69	68	68	66	68	69	68	67	70
SOCIAL SCIENCES											
ECONOMICS	80	82	82	81	82	82	81	83	80	81	82
INTERNATIONAL RELATIONS	80	80	80	77	79	79	78	80	77	80	80
LAW ENFORCEMENT	64	63	62	62	61	60	61	60	59	60	62
POLITICAL SCIENCE	0	79	78	76	77	75	75	73	75	74	76
SOCIOLOGY	0	67	69	70	66	70	66	66	67	66	66
OTHER SOCIAL SCIENCES	76	71	70	70	71	70	70	71	71	70	72
INTERDISCIPL./OTHER SCIENCES	82	83	82	82	83	81	81	82	81	81	84
TOTAL OF SCIENCE, MATH & ENGINEERING	78	76	75	75	75	75	75	75	75	75	76

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	61	61	61	60	61	61	60	62	62	62	65
COMPUTER SCIENCE	44	46	45	48	48	48	46	46	47	48	46
PHYSICAL SCIENCES	84	82	82	83	83	82	83	82	83	83	83
ARCHITECTURE/ENVIR. ENG.	58	60	59	59	59	59	58	57	57	57	56
ENGINEERING	54	55	55	56	57	57	58	58	60	60	61
LIFE SCIENCES	73	64	62	62	63	64	66	67	70	71	71
EARTH & ENVIRONMENTAL SCI.	69	68	66	65	66	66	65	64	63	64	65
PSYCHOLOGY	73	73	73	74	74	74	74	74	74	75	76
SOCIAL SCIENCES	69	59	57	59	60	61	62	62	61	62	59
INTERDISCIPL./OTHER SCIENCES	74	76	76	75	76	77	77	78	77	76	77
TOTAL OF SCIENCE, MATH & ENGINEERING	66	61	60	61	61	60	60	59	60	62	63

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	64	66	65	63	63	64	62	63	64	63	66
COMPUTER SCIENCE	47	49	49	51	50	49	48	47	47	48	47
PHYSICAL SCIENCES	86	84	84	84	85	83	85	83	84	83	84
ARCHITECTURE/ENVIR. ENG.	56	58	57	57	57	57	55	54	55	53	53
ENGINEERING	52	52	52	53	54	54	55	56	57	57	59
LIFE SCIENCES	75	64	62	60	61	61	62	63	64	66	66
EARTH & ENVIRONMENTAL SCI.	69	67	65	64	65	64	62	62	61	60	62
PSYCHOLOGY	80	79	79	80	80	79	79	79	79	79	80
SOCIAL SCIENCES	73	60	57	57	59	60	60	58	57	57	55
INTERDISCIPL./OTHER SCIENCES	75	78	76	75	76	76	77	78	77	76	77
TOTAL OF SCIENCE, MATH & ENGINEERING	66	60	58	58	58	58	57	57	57	58	59

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	54	53	54	55	56	56	57	58	59	59	63
COMPUTER SCIENCE	33	34	34	38	40	39	39	40	40	40	37
PHYSICAL SCIENCES	72	74	74	75	77	76	76	76	79	80	81
ARCHITECTURE/ENVIR. ENG.	58	61	58	61	60	61	60	60	62	61	61
ENGINEERING	62	61	61	62	62	64	65	65	67	68	69
LIFE SCIENCES	68	59	58	59	60	62	65	66	69	70	69
EARTH & ENVIRONMENTAL SCI.	67	68	66	65	67	68	69	66	68	68	69
PSYCHOLOGY	68	69	68	70	70	71	71	71	72	73	74
SOCIAL SCIENCES	63	57	55	57	59	60	62	63	63	64	62
INTERDISCIPL./OTHER SCIENCES	66	69	71	70	72	75	75	75	74	73	75
TOTAL OF SCIENCE, MATH & ENGINEERING	64	60	59	60	61	61	61	60	62	65	66

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	63	62	53	58	53	55	51	58	56	54	57
COMPUTER SCIENCE	42	49	48	50	51	51	50	49	49	49	44
PHYSICAL SCIENCES	81	80	84	81	77	76	81	82	73	83	81
ARCHITECTURE/ENVIR. ENG.	64	61	64	61	61	60	62	59	54	55	54
ENGINEERING	56	56	57	57	59	59	59	57	59	58	57
LIFE SCIENCES	80	73	77	73	72	74	76	76	73	75	72
EARTH & ENVIRONMENTAL SCI.	69	73	67	70	69	67	65	69	51	55	51
PSYCHOLOGY	78	76	78	77	77	75	79	76	77	79	77
SOCIAL SCIENCES	68	62	61	63	62	62	62	58	55	57	50
INTERDISCIPL./OTHER SCIENCES	81	68	74	81	79	77	73	75	68	76	70
TOTAL OF SCIENCE, MATH & ENGINEERING	65	61	61	61	61	60	59	57	57	57	55

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	70	73	69	69	72	73	71	72	68	65	73
COMPUTER SCIENCE	48	47	49	54	54	56	55	54	53	50	48
PHYSICAL SCIENCES	83	77	87	90	85	92	90	87	87	83	82
ARCHITECTURE/ENVIR. ENG.	77	74	74	74	73	69	72	71	65	75	69
ENGINEERING	78	76	78	75	77	76	74	76	76	73	71
LIFE SCIENCES	87	81	82	84	83	83	85	85	86	86	86
EARTH & ENVIRONMENTAL SCI.	83	86	79	83	79	70	72	81	72	66	68
PSYCHOLOGY	86	85	86	84	83	84	84	84	83	84	83
SOCIAL SCIENCES	76	66	66	68	66	68	68	67	67	65	64
INTERDISCIPL./OTHER SCIENCES	74	81	76	77	84	81	80	86	76	74	90
TOTAL OF SCIENCE, MATH & ENGINEERING	79	73	73	74	73	72	70	68	67	68	68

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	72	72	72	67	71	69	65	68	71	68	70
COMPUTER SCIENCE	54	55	51	53	54	54	52	52	54	54	51
PHYSICAL SCIENCES	88	88	86	86	87	87	87	86	86	88	87
ARCHITECTURE/ENVIR. ENG.	68	66	64	63	65	65	64	62	63	62	62
ENGINEERING	65	63	64	64	64	65	65	65	66	66	66
LIFE SCIENCES	83	75	75	76	76	78	78	79	81	83	82
EARTH & ENVIRONMENTAL SCI.	77	75	71	71	72	68	71	66	65	68	68
PSYCHOLOGY	80	77	77	79	79	78	80	79	76	77	81
SOCIAL SCIENCES	75	63	62	62	64	65	67	67	67	67	65
INTERDISCIPL./OTHER SCIENCES	83	84	83	82	85	84	81	84	85	85	84
TOTAL OF SCIENCE, MATH & ENGINEERING	75	68	67	67	67	67	66	65	66	67	68

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE
(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	61	61	61	60	61	61	60	62	62	62	65
COMPUTER SCIENCE	44	46	45	48	48	48	46	46	47	48	46
PHYSICAL SCIENCES											
ASTRONOMY	85	85	83	81	82	82	82	83	82	83	86
CHEMISTRY	78	76	77	77	79	77	78	76	77	77	78
PHYSICS	91	91	89	91	90	89	90	88	90	90	89
ARCHITECTURE/ENVIR. ENG.	58	60	59	59	59	59	58	57	57	57	56
ENGINEERING											
AEROSPACE ENGINEERING	53	56	55	57	57	59	60	60	61	62	63
ELECTRICAL ENGINEERING	47	47	47	49	49	51	52	53	56	56	57
CHEMICAL ENGINEERING	76	74	73	73	74	74	73	73	74	75	75
MECHANICAL ENGINEERING	48	48	47	48	50	49	49	49	50	53	53
CIVIL ENGINEERING	54	52	53	53	55	54	54	53	55	55	51
OTHER ENGINEERING	56	58	58	59	60	60	61	61	63	63	65
LIFE SCIENCES											
AGRICULTURE	42	39	31	31	31	32	32	31	32	33	31
BIOLOGICAL SCIENCES	81	74	74	73	74	75	77	78	79	80	81
EARTH & ENVIRONMENTAL SCI.	69	68	66	65	66	66	65	64	63	64	65
PSYCHOLOGY											
CHILD PSYCHOLOGY	72	70	68	70	71	71	69	69	71	71	72
GENERAL PSYCHOLOGY	74	75	75	76	76	76	76	77	77	77	78
SOCIAL PSYCHOLOGY	71	69	68	70	69	71	71	71	71	73	67
SOCIAL SCIENCES											
ECONOMICS	79	80	79	79	78	81	81	82	81	81	81
INTERNATIONAL RELATIONS	81	78	80	80	80	81	80	81	80	82	82
LAW ENFORCEMENT	47	29	28	27	27	27	28	27	26	27	33
POLITICAL SCIENCE	0	82	77	78	78	77	76	77	78	77	76
SOCIOLOGY	0	52	52	53	54	51	53	53	54	55	50
OTHER SOCIAL SCIENCES	69	59	60	61	62	61	62	63	63	64	61
INTERDISCIPL./OTHER SCIENCES	74	76	76	75	76	77	77	78	77	76	77
TOTAL OF SCIENCE, MATH & ENGINEERING	66	61	60	61	61	60	60	59	60	62	63

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE
(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	64	66	65	63	63	64	62	63	64	63	66
COMPUTER SCIENCE	47	49	49	51	50	49	48	47	47	48	47
PHYSICAL SCIENCES											
ASTRONOMY	87	86	83	82	83	81	83	83	83	82	86
CHEMISTRY	81	78	79	78	80	78	79	76	77	76	76
PHYSICS	91	90	89	91	89	89	90	88	89	89	89
ARCHITECTURE/ENVIR. ENG.	56	58	57	57	57	57	55	54	55	53	53
ENGINEERING											
AEROSPACE ENGINEERING	52	54	53	55	55	57	58	58	59	61	61
ELECTRICAL ENGINEERING	45	44	44	46	46	48	49	51	53	53	55
CHEMICAL ENGINEERING	75	75	71	73	74	72	72	72	72	73	73
MECHANICAL ENGINEERING	45	45	45	46	47	46	46	47	48	50	51
CIVIL ENGINEERING	50	49	49	49	50	49	49	48	51	50	48
OTHER ENGINEERING	53	56	56	56	57	57	57	58	60	60	62
LIFE SCIENCES											
AGRICULTURE	37	37	29	28	29	28	27	27	27	27	27
BIOLOGICAL SCIENCES	86	78	78	76	77	77	78	79	79	80	81
EARTH & ENVIRONMENTAL SCI.	69	67	65	64	65	64	62	62	61	60	62
PSYCHOLOGY											
CHILD PSYCHOLOGY	83	78	76	75	80	82	74	75	75	74	79
GENERAL PSYCHOLOGY	80	80	80	81	81	79	80	80	80	79	80
SOCIAL PSYCHOLOGY	77	76	74	77	73	77	75	77	74	80	75
SOCIAL SCIENCES											
ECONOMICS	82	81	82	81	76	82	82	82	83	81	81
INTERNATIONAL RELATIONS	87	84	85	85	85	84	82	85	84	86	84
LAW ENFORCEMENT	46	24	24	22	22	21	23	22	22	23	25
POLITICAL SCIENCE	0	83	77	78	79	76	74	77	76	75	75
SOCIOLOGY	0	61	58	60	60	53	58	61	54	60	61
OTHER SOCIAL SCIENCES	73	65	65	66	67	65	65	65	65	65	62
INTERDISCIPL./OTHER SCIENCES	75	78	76	75	76	76	77	78	77	76	77
TOTAL OF SCIENCE, MATH & ENGINEERING	66	60	58	58	58	58	57	57	57	58	59

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE
(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	54	53	54	55	56	56	57	58	59	59	63
COMPUTER SCIENCE	33	34	34	38	40	39	39	40	40	40	37
PHYSICAL SCIENCES											
ASTRONOMY	79	83	84	76	77	81	76	80	81	87	87
CHEMISTRY	69	70	69	71	74	72	74	72	76	75	77
PHYSICS	83	88	89	87	91	88	84	89	89	90	86
ARCHITECTURE/ENVIR. ENG.	58	61	58	61	60	61	60	60	62	61	61
ENGINEERING											
AEROSPACE ENGINEERING	60	65	61	60	63	61	67	65	69	69	72
ELECTRICAL ENGINEERING	59	57	55	55	59	62	59	61	65	63	63
CHEMICAL ENGINEERING	70	68	71	68	70	69	72	71	73	75	73
MECHANICAL ENGINEERING	56	52	53	50	55	56	54	56	57	62	58
CIVIL ENGINEERING	58	53	56	57	57	55	62	55	60	67	60
OTHER ENGINEERING	62	61	61	63	62	66	66	65	67	68	70
LIFE SCIENCES											
AGRICULTURE	46	39	30	30	31	34	36	34	36	38	34
BIOLOGICAL SCIENCES	72	67	67	68	69	70	73	73	76	76	77
EARTH & ENVIRONMENTAL SCI.	67	68	66	65	67	68	69	66	68	68	69
PSYCHOLOGY											
CHILD PSYCHOLOGY	67	66	63	67	68	68	66	67	70	69	70
GENERAL PSYCHOLOGY	69	71	71	72	72	73	73	74	74	75	77
SOCIAL PSYCHOLOGY	65	64	62	66	66	68	68	68	69	69	64
SOCIAL SCIENCES											
ECONOMICS	67	75	73	76	76	78	76	77	79	78	78
INTERNATIONAL RELATIONS	77	72	77	76	78	78	79	79	78	79	81
LAW ENFORCEMENT	42	31	30	30	31	30	31	32	31	31	38
POLITICAL SCIENCE	0	79	74	76	78	77	77	77	78	78	76
SOCIOLOGY	0	46	45	47	50	49	50	48	54	52	46
OTHER SOCIAL SCIENCES	62	55	56	57	58	58	59	61	62	63	61
INTERDISCIPL./OTHER SCIENCES	66	69	71	70	72	75	75	75	74	73	75
TOTAL OF SCIENCE, MATH & ENGINEERING	64	60	59	60	61	61	61	60	62	65	66

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE
(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	63	62	53	58	53	55	51	58	56	54	57
COMPUTER SCIENCE	42	49	48	50	51	51	50	49	49	49	44
PHYSICAL SCIENCES											
ASTRONOMY	75	53	67	63	60	83	77	89	70	72	76
CHEMISTRY	79	79	83	84	77	71	80	76	71	79	79
PHYSICS	88	92	89	80	85	81	85	87	78	91	87
ARCHITECTURE/ENVIR. ENG.	64	61	64	61	61	60	62	59	54	55	54
ENGINEERING											
AEROSPACE ENGINEERING	62	59	58	62	62	63	63	60	61	66	60
ELECTRICAL ENGINEERING	45	47	49	47	50	50	52	50	53	51	52
CHEMICAL ENGINEERING	82	80	79	79	78	76	78	80	80	80	78
MECHANICAL ENGINEERING	48	55	52	53	54	53	56	52	56	53	56
CIVIL ENGINEERING	63	64	66	68	67	69	63	61	66	65	46
OTHER ENGINEERING	62	60	63	60	65	63	60	61	62	61	60
LIFE SCIENCES											
AGRICULTURE	50	55	59	47	51	49	52	38	44	38	38
BIOLOGICAL SCIENCES	84	77	81	81	79	80	82	84	77	82	78
EARTH & ENVIRONMENTAL SCI.	69	73	67	70	69	67	65	69	51	55	51
PSYCHOLOGY											
CHILD PSYCHOLOGY	70	72	76	74	70	67	68	67	77	74	67
GENERAL PSYCHOLOGY	79	78	80	80	80	79	85	81	77	81	80
SOCIAL PSYCHOLOGY	81	74	74	69	74	70	67	64	76	76	53
SOCIAL SCIENCES											
ECONOMICS	84	82	82	75	80	82	79	70	75	91	78
INTERNATIONAL RELATIONS	83	88	79	95	68	79	79	72	84	88	86
LAW ENFORCEMENT	56	35	36	35	41	34	39	33	30	32	35
POLITICAL SCIENCE	0	82	79	83	75	81	80	75	74	76	75
SOCIOLOGY	0	56	61	63	61	50	37	43	32	55	42
OTHER SOCIAL SCIENCES	67	61	61	60	62	62	60	63	61	56	47
INTERDISCIPL./OTHER SCIENCES	81	68	74	81	79	77	73	75	68	76	70
TOTAL OF SCIENCE, MATH & ENGINEERING	65	61	61	61	61	60	59	57	57	57	55

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE
(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	70	73	69	69	72	73	71	72	68	65	73
COMPUTER SCIENCE	48	47	49	54	54	56	55	54	53	50	48
PHYSICAL SCIENCES											
ASTRONOMY	50	83	100	100	78	100	67	80	71	100	91
CHEMISTRY	83	78	88	90	86	90	91	87	88	82	79
PHYSICS	100	71	78	88	82	100	86	89	86	89	100
ARCHITECTURE/ENVIR. ENG.	77	74	74	74	73	69	72	71	65	75	69
ENGINEERING											
AEROSPACE ENGINEERING	64	76	84	86	70	76	73	81	78	68	69
ELECTRICAL ENGINEERING	72	65	70	72	65	69	69	71	71	71	69
CHEMICAL ENGINEERING	96	83	81	80	84	82	82	83	83	80	82
MECHANICAL ENGINEERING	71	83	65	68	77	73	73	77	71	69	64
CIVIL ENGINEERING	79	68	81	71	80	74	74	76	74	70	71
OTHER ENGINEERING	75	78	79	76	79	78	75	75	79	75	71
LIFE SCIENCES											
AGRICULTURE	78	74	47	73	60	55	73	67	68	62	60
BIOLOGICAL SCIENCES	88	82	84	85	85	85	86	86	87	87	88
EARTH & ENVIRONMENTAL SCI.	83	86	79	83	79	70	72	81	72	66	68
PSYCHOLOGY											
CHILD PSYCHOLOGY	84	82	82	82	79	80	80	81	80	81	82
GENERAL PSYCHOLOGY	88	88	88	86	87	88	87	87	85	86	85
SOCIAL PSYCHOLOGY	81	82	86	82	80	84	88	78	82	80	71
SOCIAL SCIENCES											
ECONOMICS	81	70	74	74	78	81	89	89	81	64	80
INTERNATIONAL RELATIONS	79	95	87	86	83	85	89	86	79	83	84
LAW ENFORCEMENT	68	61	58	59	54	59	57	53	56	51	63
POLITICAL SCIENCE	0	86	82	81	82	83	83	78	83	81	79
SOCIOLOGY	0	64	63	60	61	60	65	63	50	58	48
OTHER SOCIAL SCIENCES	76	61	65	67	65	66	63	63	65	63	60
INTERDISCIPL./OTHER SCIENCES	74	81	76	77	84	81	80	86	76	74	90
TOTAL OF SCIENCE, MATH & ENGINEERING	79	73	73	74	73	72	70	68	67	68	68

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN MATH, SCIENCE, AND ENGINEERING WHO PLAN TO RECEIVE A GRADUATE DEGREE
(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MATH & STATISTICS	72	72	72	67	71	69	65	68	71	68	70
COMPUTER SCIENCE	54	55	51	53	54	54	52	52	54	54	51
PHYSICAL SCIENCES											
ASTRONOMY	92	91	91	87	86	85	86	86	83	85	82
CHEMISTRY	83	83	81	79	84	82	82	83	81	84	85
PHYSICS	95	94	91	93	92	93	92	89	92	93	93
ARCHITECTURE/ENVIR. ENG.	68	66	64	63	65	65	64	62	63	62	62
ENGINEERING											
AEROSPACE ENGINEERING	58	61	62	63	63	64	65	66	67	66	68
ELECTRICAL ENGINEERING	57	57	57	58	58	60	61	60	64	62	63
CHEMICAL ENGINEERING	82	79	79	79	78	83	77	76	80	79	79
MECHANICAL ENGINEERING	64	57	56	57	61	60	57	56	56	62	59
CIVIL ENGINEERING	72	62	67	65	65	65	61	66	63	64	61
OTHER ENGINEERING	68	67	67	68	67	68	69	68	69	70	70
LIFE SCIENCES											
AGRICULTURE	55	48	41	45	42	44	43	41	39	47	46
BIOLOGICAL SCIENCES	87	82	83	83	83	84	85	85	86	87	86
EARTH & ENVIRONMENTAL SCI.	77	75	71	71	72	68	71	66	65	68	68
PSYCHOLOGY											
CHILD PSYCHOLOGY	79	71	72	77	77	73	75	74	73	72	79
GENERAL PSYCHOLOGY	82	80	81	82	82	80	83	81	79	80	82
SOCIAL PSYCHOLOGY	75	73	74	71	73	74	78	77	72	76	73
SOCIAL SCIENCES											
ECONOMICS	86	84	82	79	84	82	86	90	81	86	86
INTERNATIONAL RELATIONS	84	86	81	82	78	80	79	78	77	84	82
LAW ENFORCEMENT	50	34	37	33	29	33	34	32	32	31	39
POLITICAL SCIENCE	0	84	83	83	79	81	81	79	85	80	80
SOCIOLOGY	0	56	59	55	60	55	53	63	64	59	59
OTHER SOCIAL SCIENCES	74	63	62	63	65	65	68	67	68	68	64
INTERDISCIPL./OTHER SCIENCES	83	84	83	82	85	84	81	84	85	85	84
TOTAL OF SCIENCE, MATH & ENGINEERING	75	68	67	67	67	67	66	65	66	67	68

NUMBER OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	24616	32505	31239	32035	32726	34289	34286	34661	37379	37836	35490
OTHER HEALTH FIELDS	94089	106724	112399	106202	96302	92359	89050	88262	88527	82979	78445
PRELAW	0	19825	32329	30332	29958	29711	29891	29205	28973	29257	27757
HUMANITIES	23972	18247	18514	18259	17287	16467	15978	14554	14018	14755	13596
HISTORY & CULTURE	11265	7172	6227	5777	5140	4767	4665	4299	3925	4268	3985
FOREIGN LANGUAGES	10322	8420	8255	8085	7348	7382	7041	6588	6698	7054	7429
STUDIO/PERFORMING ARTS	46167	55966	62967	67212	63152	59255	54475	48615	45859	47704	52852
COMMUNICATIONS	21057	23482	27004	30332	31440	32397	31094	30360	30749	31703	37772
BUSINESS	89219	110439	139904	155724	161019	159910	160266	153145	157108	173049	199710
EDUCATION	58650	61271	60237	55167	51547	48330	41495	36495	36559	37835	46524
VOCATIONAL FIELDS	27557	28271	31935	33517	32738	33835	34376	33451	31554	27925	27367
OTHER/MISSING/UNDECIDED	339859	267530	195832	178110	187545	190724	186712	182705	189426	201973	184799
TOTAL OF NON SCIENCE FIELDS	746773	739852	726842	720752	716202	709426	689329	662340	670775	696338	715726
TOTAL OF ALL EXAMINEES	1002693	979273	988927	991257	990787	993385	987449	962210	964550	977357	1000747

NUMBER OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	11928	15185	13959	13411	13168	13457	13168	12979	13954	13871	11793
OTHER HEALTH FIELDS	13278	18171	19213	18329	16350	15215	13605	12931	13826	13739	14128
PRELAW	0	9881	15887	14522	13448	13055	12528	12147	11563	11675	10208
HUMANITIES	7738	5947	5645	5431	5306	5257	5195	4948	4576	4875	4695
HISTORY & CULTURE	6092	3726	3217	3053	2777	2610	2567	2344	2206	2330	2316
FOREIGN LANGUAGES	1203	991	955	911	955	1006	1008	947	959	977	1121
STUDIO/PERFORMING ARTS	12488	14466	15802	16680	15928	15475	14435	12894	12298	12769	14623
COMMUNICATIONS	9965	9518	10550	11388	11456	11706	11014	10731	10411	10801	11058
BUSINESS	44432	48693	58897	63512	63011	59355	58536	55528	56899	63995	72639
EDUCATION	12007	11330	11001	10080	9035	8306	7142	6317	6446	6591	7990
VOCATIONAL FIELDS	12480	13600	14841	15444	15040	15457	15478	14572	13794	12410	13283
OTHER/MISSING/UNDECIDED	135374	107089	79134	71644	72429	73409	70187	67859	63696	65322	68060
TOTAL OF NON SCIENCE FIELDS	266985	258597	249101	244405	238903	234308	224863	214197	210628	219355	231914
TOTAL OF ALL EXAMINEES	410443	383280	383173	382077	376858	377193	373421	362742	355433	356971	366553

NUMBER OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	7490	9901	9359	10214	10497	11387	11670	11768	12628	12828	11466
OTHER HEALTH FIELDS	66031	69156	71577	67321	60870	58651	57069	56734	55986	51233	46730
PRELAW	0	5852	10400	10007	10674	10922	11660	11515	11892	11818	11385
HUMANITIES	13494	9953	10406	10314	9610	9043	8725	7691	7528	7980	7119
HISTORY & CULTURE	3806	2587	2162	2013	1716	1610	1513	1457	1266	1409	1200
FOREIGN LANGUAGES	7855	6130	5924	5836	5161	5211	4852	4554	4648	4908	5053
STUDIO/PERFORMING ARTS	26988	31839	35561	38570	35944	33360	30387	27243	25486	26588	28663
COMMUNICATIONS	7729	9593	11079	12983	13730	14180	13651	13756	14319	14717	19223
BUSINESS	29641	40538	53640	61628	65953	68465	69773	67783	69590	73861	82619
EDUCATION	38359	39930	39094	36097	34251	32945	28250	24914	25130	26248	31957
VOCATIONAL FIELDS	10656	8981	10142	10869	10427	10606	10907	10591	9851	8351	7222
OTHER/MISSING/UNDECIDED	132476	98938	69632	62847	66417	68856	67250	65868	62936	64209	62920
TOTAL OF NON SCIENCE FIELDS	344525	333398	328976	328699	325250	325236	315707	303874	301260	304150	315557
TOTAL OF ALL EXAMINEES	422126	406957	408455	410630	407369	409193	404065	391595	386280	385930	397684

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NUMBER OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	861	1116	1068	1037	1079	1047	1020	1053	1094	1030	956
OTHER HEALTH FIELDS	1233	1516	1692	1689	1442	1392	1213	1230	1209	1117	1150
PRELAW	0	897	1127	1189	1074	1022	995	969	979	888	882
HUMANITIES	393	343	378	377	308	298	266	221	235	207	175
HISTORY & CULTURE	455	261	253	196	180	150	137	115	92	115	101
FOREIGN LANGUAGES	53	59	56	65	56	59	55	41	41	48	80
STUDIO/PERFORMING ARTS	1493	1930	2334	2255	2112	1821	1670	1500	1358	1248	1368
COMMUNICATIONS	1012	1133	1433	1544	1528	1509	1478	1262	1257	1240	1390
BUSINESS	3398	4085	5219	5769	5849	5489	5422	4847	4967	5885	7292
EDUCATION	1806	1858	1804	1666	1380	1161	912	785	720	664	878
VOCATIONAL FIELDS	1228	1399	1611	1766	1740	1850	1794	1852	1783	1528	1605
OTHER/MISSING/UNDECIDED	10410	8209	5770	5188	5878	5855	5992	5591	5484	5677	5564
TOTAL OF NON SCIENCE FIELDS	22342	22806	22745	22741	22626	21653	20954	19466	19219	19647	21441
TOTAL OF ALL EXAMINEES	30396	31581	33072	33467	33999	33481	33162	32127	31671	31251	33520

NUMBER OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	1431	1933	2125	2280	2458	2521	2454	2505	2681	2646	2850
OTHER HEALTH FIELDS	6621	8101	8697	8069	7392	7147	7010	7255	7265	6524	6117
PRELAW	0	1204	1804	1815	1837	1847	1795	1726	1754	1948	2089
HUMANITIES	842	617	611	626	481	443	433	376	375	353	284
HISTORY & CULTURE	276	134	102	86	77	62	64	47	46	63	52
FOREIGN LANGUAGES	253	241	242	239	208	236	219	203	201	211	229
STUDIO/PERFORMING ARTS	2024	2964	3384	3495	3060	2807	2409	1944	1878	2007	1956
COMMUNICATIONS	1115	1468	1811	2014	2232	2367	2282	2112	2145	2210	2506
BUSINESS	5385	7240	8608	9770	10209	10139	9642	8925	8997	9960	11958
EDUCATION	3311	3842	3659	3270	2911	2349	1880	1579	1443	1421	1807
VOCATIONAL FIELDS	1263	1487	1822	1807	1941	2102	2101	2323	2270	1902	1484
OTHER/MISSING/UNDECIDED	15173	10453	6825	6586	7822	7675	7745	7597	7010	7568	6122
TOTAL OF NON SCIENCE FIELDS	37694	39684	39690	40057	40628	39695	38034	36592	36065	36813	37454
TOTAL OF ALL EXAMINEES	44523	47900	49481	50049	51128	50494	49409	48294	47778	47511	49283

NUMBER OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	2906	4370	4728	5093	5524	5877	5974	6356	7022	7461	8425
OTHER HEALTH FIELDS	6926	9780	11220	10794	10248	9954	10153	10112	10241	10366	10320
PRELAW	0	1991	3111	2799	2925	2865	2913	2848	2785	2928	3193
HUMANITIES	1505	1387	1474	1511	1582	1426	1359	1318	1304	1340	1323
HISTORY & CULTURE	636	464	493	429	390	335	384	336	315	351	316
FOREIGN LANGUAGES	958	999	1078	1034	968	870	907	843	849	910	946
STUDIO/PERFORMING ARTS	3174	4767	5886	6212	6108	5792	5574	5034	4839	5092	6242
COMMUNICATIONS	1236	1770	2131	2403	2494	2635	2669	2499	2617	2735	3595
BUSINESS	6363	9883	13540	15045	15997	16462	16893	16062	16655	19348	25202
EDUCATION	3167	4311	4679	4054	3970	3569	3311	2900	2820	2911	3892
VOCATIONAL FIELDS	1930	2804	3519	3631	3590	3820	4096	4113	3856	3734	3773
OTHER/MISSING/UNDECIDED	46426	42841	34471	31845	34999	34929	35538	35790	50300	59197	42133
TOTAL OF NON SCIENCE FIELDS	75227	85367	86330	84850	88795	88534	89771	88211	103603	116373	109360
TOTAL OF ALL EXAMINEES	95205	109555	114746	115034	121433	123024	127392	127452	143388	155694	153707

PERCENT OF EXAMINEES PLANNING TO MAJOR IN NON-SCIENCE FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	2.45	3.32	3.16	3.23	3.30	3.45	3.47	3.60	3.88	3.87	3.55
OTHER HEALTH FIELDS	9.38	10.90	11.37	10.71	9.72	9.30	9.02	9.17	9.18	8.49	7.84
PRELAW	0.00	2.02	3.27	3.06	3.02	2.99	3.03	3.04	3.00	2.99	2.77
HUMANITIES	2.39	1.86	1.87	1.84	1.74	1.66	1.62	1.51	1.45	1.51	1.36
HISTORY & CULTURE	1.12	0.73	0.63	0.58	0.52	0.48	0.47	0.45	0.41	0.44	0.40
FOREIGN LANGUAGES	1.03	0.86	0.83	0.82	0.74	0.74	0.71	0.68	0.69	0.72	0.74
STUDIO/PERFORMING ARTS	4.60	5.72	6.37	6.78	6.37	5.96	5.52	5.05	4.75	4.88	5.28
COMMUNICATIONS	2.10	2.40	2.73	3.06	3.17	3.26	3.15	3.16	3.19	3.24	3.77
BUSINESS	8.90	11.28	14.15	15.71	16.25	16.10	16.23	15.92	16.29	17.71	19.96
EDUCATION	5.85	6.26	6.09	5.57	5.20	4.87	4.20	3.79	3.79	3.87	4.65
VOCATIONAL FIELDS	2.75	2.89	3.23	3.38	3.30	3.41	3.48	3.48	3.27	2.86	2.73
OTHER/MISSING/UNDECIDED	33.89	27.32	19.80	17.97	18.93	19.20	18.91	18.99	19.64	20.67	18.47
TOTAL OF NON SCIENCE FIELDS	74.48	75.55	73.50	72.71	72.29	71.41	69.81	68.84	69.54	71.25	71.52
TOTAL OF ALL EXAMINEES	1002693	979273	988927	991257	990787	993385	987449	962210	964550	977357	1000747

PERCENT OF EXAMINEES PLANNING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	2.91	3.96	3.64	3.51	3.49	3.57	3.53	3.58	3.93	3.89	3.22
OTHER HEALTH FIELDS	3.24	4.74	5.01	4.80	4.34	4.03	3.64	3.56	3.89	3.85	3.85
PRELAW	0.00	2.58	4.15	3.80	3.57	3.46	3.35	3.35	3.25	3.27	2.78
HUMANITIES	1.89	1.55	1.47	1.42	1.41	1.39	1.39	1.36	1.29	1.37	1.28
HISTORY & CULTURE	1.48	0.97	0.84	0.80	0.74	0.69	0.69	0.65	0.62	0.65	0.63
FOREIGN LANGUAGES	0.29	0.26	0.25	0.24	0.25	0.27	0.27	0.26	0.27	0.27	0.31
STUDIO/PERFORMING ARTS	3.04	3.77	4.12	4.37	4.23	4.10	3.87	3.55	3.46	3.58	3.99
COMMUNICATIONS	2.43	2.48	2.75	2.98	3.04	3.10	2.95	2.96	2.93	3.03	3.02
BUSINESS	10.83	12.70	15.37	16.62	16.72	15.74	15.68	15.31	16.01	17.93	19.82
EDUCATION	2.93	2.96	2.87	2.64	2.40	2.20	1.91	1.74	1.81	1.85	2.18
VOCATIONAL FIELDS	3.04	3.55	3.87	4.04	3.99	4.10	4.14	4.02	3.88	3.48	3.62
OTHER/MISSING/UNDECIDED	32.98	27.94	20.65	18.75	19.22	19.46	18.80	18.71	17.92	18.30	18.57
TOTAL OF NON SCIENCE FIELDS	65.05	67.47	65.01	63.97	63.39	62.12	60.22	59.05	59.26	61.45	63.27
TOTAL OF ALL EXAMINEES	410443	383280	383173	382077	376858	377193	373421	362742	355433	356971	366553

PERCENT OF EXAMINEES PLANNING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	1.77	2.43	2.29	2.49	2.58	2.78	2.89	3.01	3.27	3.32	2.88
OTHER HEALTH FIELDS	15.64	16.99	17.52	16.39	14.94	14.33	14.12	14.49	14.49	13.28	11.75
PRELAW	0.00	1.44	2.55	2.44	2.62	2.67	2.89	2.94	3.08	3.06	2.86
HUMANITIES	3.20	2.45	2.55	2.51	2.36	2.21	2.16	1.96	1.95	2.07	1.79
HISTORY & CULTURE	0.90	0.64	0.53	0.49	0.42	0.39	0.37	0.37	0.33	0.37	0.30
FOREIGN LANGUAGES	1.86	1.51	1.45	1.42	1.27	1.27	1.20	1.16	1.20	1.27	1.27
STUDIO/PERFORMING ARTS	6.39	7.82	8.71	9.39	8.82	8.15	7.52	6.96	6.60	6.89	7.21
COMMUNICATIONS	1.83	2.36	2.71	3.16	3.37	3.47	3.38	3.51	3.71	3.81	4.83
BUSINESS	7.02	9.96	13.13	15.01	16.19	16.73	17.27	17.31	18.02	19.14	20.78
EDUCATION	9.09	9.81	9.57	8.79	8.41	8.05	6.99	6.36	6.51	6.80	8.04
VOCATIONAL FIELDS	2.52	2.21	2.48	2.65	2.56	2.59	2.70	2.70	2.55	2.16	1.82
OTHER/MISSING/UNDECIDED	31.38	24.31	17.05	15.31	16.30	16.83	16.64	16.82	16.29	16.64	15.82
TOTAL OF NON SCIENCE FIELDS	81.62	81.92	80.54	80.05	79.84	79.48	78.13	77.60	77.99	78.81	79.35
TOTAL OF ALL EXAMINEES	422126	406957	408455	410630	407369	409193	404065	391595	386280	385930	397684

PERCENT OF EXAMINEES PLANNING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	2.83	3.53	3.23	3.10	3.17	3.13	3.08	3.28	3.45	3.30	2.85
OTHER HEALTH FIELDS	4.06	4.80	5.12	5.05	4.24	4.16	3.66	3.83	3.82	3.57	3.43
PRELAW	0.00	2.84	3.41	3.55	3.16	3.05	3.00	3.02	3.09	2.84	2.63
HUMANITIES	1.29	1.09	1.14	1.13	0.91	0.89	0.80	0.69	0.74	0.66	0.52
HISTORY & CULTURE	1.50	0.83	0.76	0.59	0.53	0.45	0.41	0.36	0.29	0.37	0.30
FOREIGN LANGUAGES	0.17	0.19	0.17	0.19	0.16	0.18	0.17	0.13	0.13	0.15	0.24
STUDIO/PERFORMING ARTS	4.91	6.11	7.06	6.74	6.21	5.44	5.04	4.67	4.29	3.99	4.08
COMMUNICATIONS	3.33	3.59	4.33	4.61	4.49	4.51	4.46	3.93	3.97	3.97	4.15
BUSINESS	11.18	12.93	15.78	17.24	17.20	16.39	16.35	15.09	15.68	18.83	21.75
EDUCATION	5.94	5.88	5.45	4.98	4.06	3.47	2.75	2.44	2.27	2.12	2.62
VOCATIONAL FIELDS	4.04	4.43	4.87	5.28	5.12	5.53	5.41	5.76	5.63	4.89	4.79
OTHER/MISSING/UNDECIDED	34.25	25.99	17.45	15.50	17.29	17.49	18.07	17.40	17.32	18.17	16.60
TOTAL OF NON SCIENCE FIELDS	73.50	72.21	68.77	67.95	66.55	64.67	63.19	60.59	60.68	62.87	63.96
TOTAL OF ALL EXAMINEES	30396	31581	33072	33467	33999	33481	33162	32127	31671	31251	33520

PERCENT OF EXAMINEES PLANNING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	3.21	4.04	4.29	4.56	4.81	4.99	4.97	5.19	5.61	5.57	5.78
OTHER HEALTH FIELDS	14.87	16.91	17.58	16.12	14.46	14.15	14.19	15.02	15.21	13.73	12.41
PRELAW	0.00	2.51	3.65	3.63	3.59	3.66	3.63	3.57	3.67	4.10	4.24
HUMANITIES	1.89	1.29	1.23	1.25	0.94	0.88	0.88	0.78	0.78	0.74	0.58
HISTORY & CULTURE	0.62	0.28	0.21	0.17	0.15	0.12	0.13	0.10	0.10	0.13	0.11
FOREIGN LANGUAGES	0.57	0.50	0.49	0.48	0.41	0.47	0.44	0.42	0.42	0.44	0.46
STUDIO/PERFORMING ARTS	4.55	6.19	6.84	6.98	5.98	5.56	4.88	4.03	3.93	4.22	3.97
COMMUNICATIONS	2.50	3.06	3.66	4.02	4.37	4.69	4.62	4.37	4.49	4.65	5.08
BUSINESS	12.09	15.11	17.40	19.52	19.97	20.08	19.51	18.48	18.83	20.96	24.26
EDUCATION	7.44	8.02	7.39	6.53	5.69	4.65	3.80	3.27	3.02	2.99	3.67
VOCATIONAL FIELDS	2.84	3.10	3.68	3.61	3.80	4.16	4.25	4.81	4.75	4.00	3.01
OTHER/MISSING/UNDECIDED	34.08	21.82	13.79	13.16	15.30	15.20	15.68	15.73	14.67	15.93	12.42
TOTAL OF NON SCIENCE FIELDS	84.66	82.85	80.21	80.04	79.46	78.61	76.98	75.77	75.48	77.48	76.00
TOTAL OF ALL EXAMINEES	44523	47900	49481	50049	51128	50494	49409	48294	47778	47511	49283

PERCENT OF EXAMINEES PLANNING TO MAJOR IN NON-SCIENCE FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	3.05	3.99	4.12	4.43	4.55	4.78	4.69	4.99	4.90	4.79	5.48
OTHER HEALTH FIELDS	7.27	8.93	9.78	9.38	8.44	8.09	7.97	7.93	7.14	6.66	6.71
PRELAW	0.00	1.82	2.71	2.43	2.41	2.33	2.29	2.23	1.94	1.88	2.08
HUMANITIES	1.58	1.27	1.28	1.31	1.30	1.16	1.07	1.03	0.91	0.86	0.86
HISTORY & CULTURE	0.67	0.42	0.43	0.37	0.32	0.27	0.30	0.26	0.22	0.23	0.21
FOREIGN LANGUAGES	1.01	0.91	0.94	0.90	0.80	0.71	0.71	0.66	0.59	0.58	0.62
STUDIO/PERFORMING ARTS	3.33	4.35	5.13	5.40	5.03	4.71	4.38	3.95	3.37	3.27	4.06
COMMUNICATIONS	1.30	1.62	1.86	2.09	2.05	2.14	2.10	1.96	1.83	1.76	2.34
BUSINESS	6.68	9.02	11.80	13.08	13.17	13.38	13.26	12.60	11.62	12.43	16.40
EDUCATION	3.33	3.94	4.08	3.52	3.27	2.90	2.60	2.28	1.97	1.87	2.53
VOCATIONAL FIELDS	2.03	2.56	3.07	3.16	2.96	3.11	3.22	3.23	2.69	2.40	2.45
OTHER/MISSING/UNDECIDED	48.76	39.10	30.04	27.68	28.82	28.39	27.90	28.08	35.08	38.02	27.41
TOTAL OF NON SCIENCE FIELDS	79.02	77.92	75.24	73.76	73.12	71.96	70.47	69.21	72.25	74.74	71.15
TOTAL OF ALL EXAMINEES	95205	109555	114746	115034	121433	123024	127392	127452	143388	155694	153707

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	489	492	490	488	484	484	484	482	482	486	482
OTHER HEALTH FIELDS	412	415	413	412	410	407	408	405	405	409	408
PRELAW	0	471	476	471	468	467	468	466	465	469	467
HUMANITIES	488	496	496	496	496	496	501	504	508	516	520
HISTORY & CULTURE	465	478	476	478	481	482	485	490	494	497	498
FOREIGN LANGUAGES	480	480	475	475	471	472	475	478	482	486	488
STUDIO/PERFORMING ARTS	431	427	422	418	417	418	418	420	420	424	428
COMMUNICATIONS	460	459	451	448	444	443	446	445	446	452	451
BUSINESS	402	402	401	400	399	398	401	402	403	407	406
EDUCATION	405	399	395	391	388	390	393	393	397	403	407
VOCATIONAL FIELDS	395	395	389	387	384	383	384	381	382	385	382
OTHER/MISSING/UNDECIDED	423	415	418	415	408	408	410	407	410	417	424
TOTAL OF NON SCIENCE FIELDS	424	421	421	419	415	415	417	416	418	423	424
TOTAL OF ALL EXAMINEES	434	429	429	427	424	424	426	425	426	431	431

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	501	507	509	510	506	507	505	502	506	509	507
OTHER HEALTH FIELDS	433	440	442	443	443	442	440	437	439	439	436
PRELAW	0	486	492	490	488	488	488	484	487	492	492
HUMANITIES	503	504	509	510	508	509	511	512	521	531	534
HISTORY & CULTURE	463	477	473	476	479	482	483	487	494	498	499
FOREIGN LANGUAGES	490	499	494	498	492	498	497	499	507	509	512
STUDIO/PERFORMING ARTS	444	443	442	441	437	441	440	440	444	447	451
COMMUNICATIONS	461	461	458	455	451	454	456	455	457	461	461
BUSINESS	420	420	417	416	415	416	418	418	421	424	425
EDUCATION	396	393	390	385	382	385	387	385	391	398	405
VOCATIONAL FIELDS	405	417	414	412	409	411	411	410	415	417	408
OTHER/MISSING/UNDECIDED	430	421	425	423	417	418	419	416	418	422	436
TOTAL OF NON SCIENCE FIELDS	434	434	437	435	431	433	434	432	436	439	441
TOTAL OF ALL EXAMINEES	447	443	446	444	441	443	444	444	448	450	451

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	513	515	514	510	506	504	502	499	496	500	500
OTHER HEALTH FIELDS	422	427	425	423	422	418	419	418	417	421	421
PRELAW	0	494	490	483	479	478	478	477	473	478	475
HUMANITIES	493	507	507	509	508	505	513	515	518	523	526
HISTORY & CULTURE	494	504	511	509	511	510	515	518	520	523	519
FOREIGN LANGUAGES	490	493	490	490	486	485	490	493	495	501	501
STUDIO/PERFORMING ARTS	441	442	436	430	429	427	428	429	428	433	436
COMMUNICATIONS	488	489	480	474	469	467	468	465	466	472	468
BUSINESS	410	415	414	414	413	411	414	414	414	419	418
EDUCATION	423	420	415	410	407	406	409	409	412	417	420
VOCATIONAL FIELDS	411	407	397	396	392	389	390	387	387	388	385
OTHER/MISSING/UNDECIDED	431	425	430	428	422	421	422	420	419	425	439
TOTAL OF NON SCIENCE FIELDS	434	435	434	432	429	427	429	428	428	434	436
TOTAL OF ALL EXAMINEES	443	442	441	439	436	434	437	436	436	441	442

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	397	409	409	404	407	415	425	409	417	419	423
OTHER HEALTH FIELDS	332	342	338	348	341	345	349	346	351	351	360
PRELAW	0	377	377	384	384	381	395	389	389	398	397
HUMANITIES	356	342	350	343	347	351	362	365	377	389	405
HISTORY & CULTURE	328	335	323	328	332	325	352	354	354	348	369
FOREIGN LANGUAGES	360	397	388	371	373	389	402	377	417	407	413
STUDIO/PERFORMING ARTS	320	316	316	318	316	321	323	323	335	337	342
COMMUNICATIONS	344	340	343	332	339	339	346	344	349	353	355
BUSINESS	319	324	326	323	320	325	330	327	333	338	341
EDUCATION	286	284	283	278	278	281	283	283	290	291	298
VOCATIONAL FIELDS	307	310	305	307	306	312	316	314	312	320	323
OTHER/MISSING/UNDECIDED	355	352	346	340	334	336	342	342	346	346	360
TOTAL OF NON SCIENCE FIELDS	338	338	334	332	330	334	340	339	344	347	352
TOTAL OF ALL EXAMINEES	344	342	341	338	338	342	349	347	350	354	358

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	395	393	392	386	386	387	392	391	388	397	398
OTHER HEALTH FIELDS	318	315	316	314	314	310	320	314	315	320	324
PRELAW	0	370	368	363	361	360	368	370	366	368	380
HUMANITIES	357	363	353	354	360	370	373	394	398	390	400
HISTORY & CULTURE	355	344	326	356	349	345	370	388	378	359	396
FOREIGN LANGUAGES	395	397	387	388	390	384	411	414	408	426	414
STUDIO/PERFORMING ARTS	325	314	317	312	314	314	322	321	321	328	338
COMMUNICATIONS	376	366	361	360	355	349	365	360	361	367	375
BUSINESS	306	305	308	309	308	309	317	318	320	325	330
EDUCATION	312	298	298	295	293	294	296	300	306	310	317
VOCATIONAL FIELDS	298	289	288	284	289	286	292	297	296	300	300
OTHER/MISSING/UNDECIDED	343	341	340	337	331	330	334	340	338	344	359
TOTAL OF NON SCIENCE FIELDS	332	326	325	323	323	322	330	331	332	338	344
TOTAL OF ALL EXAMINEES	337	330	330	328	328	328	336	337	337	342	347

MEAN SATV OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	453	452	451	446	447	448	452	456	455	463	459
OTHER HEALTH FIELDS	379	376	375	375	370	367	371	365	365	370	364
PRELAW	0	434	440	435	435	429	431	429	425	430	435
HUMANITIES	481	480	461	461	461	464	455	465	460	467	479
HISTORY & CULTURE	456	456	446	443	465	442	449	446	451	455	469
FOREIGN LANGUAGES	413	406	397	397	392	398	391	395	400	399	414
STUDIO/PERFORMING ARTS	408	391	387	382	382	379	381	379	378	380	385
COMMUNICATIONS	452	435	424	424	414	414	418	414	415	421	421
BUSINESS	367	364	361	360	362	361	365	361	362	370	370
EDUCATION	377	362	356	355	353	353	357	352	355	362	363
VOCATIONAL FIELDS	361	354	346	346	344	345	347	342	337	341	340
OTHER/MISSING/UNDECIDED	419	406	405	401	395	393	395	391	406	419	400
TOTAL OF NON SCIENCE FIELDS	411	398	393	390	388	386	389	386	394	405	393
TOTAL OF ALL EXAMINEES	415	401	397	393	392	390	392	389	395	404	396

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	105	108	109	112	110	109	107	106	108	107	107
OTHER HEALTH FIELDS	95	98	100	100	100	100	99	98	99	99	99
PRELAW	0	108	107	109	108	107	104	105	106	105	104
HUMANITIES	114	117	118	121	119	119	118	116	117	118	115
HISTORY & CULTURE	115	115	119	121	121	119	118	116	120	118	117
FOREIGN LANGUAGES	110	116	116	116	116	115	116	115	117	116	114
STUDIO/PERFORMING ARTS	105	108	108	107	106	106	106	104	106	106	106
COMMUNICATIONS	107	109	108	108	106	106	105	104	105	105	103
BUSINESS	97	97	97	97	97	96	97	96	97	97	98
EDUCATION	98	99	99	97	97	96	97	97	98	98	99
VOCATIONAL FIELDS	98	103	102	101	101	101	101	100	102	102	99
OTHER/MISSING/UNDECIDED	110	110	112	113	112	112	113	111	113	114	115
TOTAL OF NON SCIENCE FIELDS	108	109	109	109	108	108	108	107	109	109	108
TOTAL OF ALL EXAMINEES	109	110	110	110	110	110	110	109	110	111	110

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	96	97	96	99	96	96	94	94	95	96	93
OTHER HEALTH FIELDS	90	90	91	92	92	91	92	90	93	92	89
PRELAW	0	98	98	102	99	99	96	98	100	98	95
HUMANITIES	112	112	112	119	114	115	113	113	112	112	109
HISTORY & CULTURE	109	110	111	113	114	113	111	110	115	114	112
FOREIGN LANGUAGES	115	118	118	115	113	110	118	109	113	111	110
STUDIO/PERFORMING ARTS	103	104	102	103	102	102	101	101	102	102	101
COMMUNICATIONS	102	101	101	101	99	99	98	98	101	101	100
BUSINESS	92	89	90	91	90	90	91	90	93	92	91
EDUCATION	96	93	93	93	92	92	93	94	97	96	99
VOCATIONAL FIELDS	97	99	99	100	99	98	98	98	101	101	95
OTHER/MISSING/UNDECIDED	107	105	107	108	107	107	107	106	108	108	110
TOTAL OF NON SCIENCE FIELDS	105	104	104	105	104	104	104	103	105	104	103
TOTAL OF ALL EXAMINEES	106	105	105	106	105	105	104	104	106	106	105

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	96	101	99	102	100	99	98	97	97	98	96
OTHER HEALTH FIELDS	89	92	94	93	94	94	93	91	92	92	93
PRELAW	0	100	100	101	101	100	99	96	98	97	97
HUMANITIES	105	109	109	109	109	110	109	107	108	109	108
HISTORY & CULTURE	107	105	110	116	112	110	112	108	112	106	112
FOREIGN LANGUAGES	102	107	106	106	107	107	105	107	107	105	103
STUDIO/PERFORMING ARTS	99	101	101	99	100	99	100	98	99	99	100
COMMUNICATIONS	99	99	97	98	98	98	97	97	96	97	96
BUSINESS	91	93	93	91	93	92	93	91	92	92	93
EDUCATION	91	92	93	91	91	92	93	92	93	93	94
VOCATIONAL FIELDS	89	93	92	90	90	91	92	88	90	90	91
OTHER/MISSING/UNDECIDED	106	107	110	109	109	109	109	108	107	108	110
TOTAL OF NON SCIENCE FIELDS	101	103	103	102	102	102	103	101	101	102	102
TOTAL OF ALL EXAMINEES	103	104	104	103	104	104	104	102	103	103	103

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	97	103	101	102	98	103	100	101	102	103	99
OTHER HEALTH FIELDS	85	88	88	94	88	95	94	91	93	92	89
PRELAW	0	100	98	104	103	102	101	101	101	102	98
HUMANITIES	111	110	110	115	120	111	116	109	113	125	114
HISTORY & CULTURE	87	97	88	92	99	99	114	98	111	106	104
FOREIGN LANGUAGES	95	109	124	119	121	97	96	104	127	134	117
STUDIO/PERFORMING ARTS	89	90	87	91	92	91	90	92	95	95	95
COMMUNICATIONS	95	96	95	92	91	94	96	97	96	95	96
BUSINESS	83	86	86	86	85	87	89	87	90	88	90
EDUCATION	76	72	71	70	70	73	76	74	79	80	82
VOCATIONAL FIELDS	80	84	81	83	82	89	86	86	81	86	85
OTHER/MISSING/UNDECIDED	113	113	114	109	106	107	108	107	106	104	117
TOTAL OF NON SCIENCE FIELDS	103	102	99	98	97	99	101	99	100	99	102
TOTAL OF ALL EXAMINEES	102	102	100	99	99	100	101	100	100	100	102

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	96	101	100	100	100	100	102	99	97	100	98
OTHER HEALTH FIELDS	81	85	85	84	85	84	87	84	83	85	86
PRELAW	0	98	100	98	99	99	100	98	97	97	98
HUMANITIES	102	108	105	112	111	116	112	115	114	125	116
HISTORY & CULTURE	103	105	99	106	103	97	127	142	132	107	132
FOREIGN LANGUAGES	108	111	108	114	101	106	114	111	115	118	113
STUDIO/PERFORMING ARTS	90	92	88	86	91	89	93	90	92	93	93
COMMUNICATIONS	96	99	98	98	94	94	99	95	95	97	98
BUSINESS	76	81	80	79	80	81	86	85	84	86	87
EDUCATION	83	80	79	76	78	78	83	85	84	86	82
VOCATIONAL FIELDS	77	76	74	68	77	72	76	76	74	76	77
OTHER/MISSING/UNDECIDED	105	108	108	109	107	105	106	105	103	105	115
TOTAL OF NON SCIENCE FIELDS	96	97	94	93	94	94	97	95	94	96	98
TOTAL OF ALL EXAMINEES	97	98	95	94	95	95	98	97	95	97	98

STANDARD DEVIATION OF SATV FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	117	122	122	123	121	123	122	120	123	122	122
OTHER HEALTH FIELDS	102	105	104	106	103	102	104	103	105	104	104
PRELAW	0	117	116	119	116	114	112	114	113	112	112
HUMANITIES	131	133	136	139	138	139	139	137	141	141	139
HISTORY & CULTURE	133	130	127	132	139	131	128	137	137	135	135
FOREIGN LANGUAGES	130	129	124	124	121	128	122	124	130	128	132
STUDIO/PERFORMING ARTS	114	114	112	112	110	108	111	108	111	112	111
COMMUNICATIONS	119	116	114	113	114	110	111	110	111	111	110
BUSINESS	100	101	100	99	98	98	101	99	101	102	103
EDUCATION	104	100	96	95	97	96	95	95	98	100	100
VOCATIONAL FIELDS	100	103	98	97	97	99	101	98	99	99	98
OTHER/MISSING/UNDECIDED	119	119	120	120	119	118	119	116	121	124	122
TOTAL OF NON SCIENCE FIELDS	118	117	116	116	115	114	115	114	118	120	118
TOTAL OF ALL EXAMINEES	119	118	117	118	116	116	117	116	119	121	119

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	537	547	542	537	534	534	533	535	537	539	539
OTHER HEALTH FIELDS	446	451	448	447	447	444	440	438	442	447	445
PRELAW	0	493	496	493	489	488	486	485	486	489	488
HUMANITIES	475	480	477	478	479	481	482	489	491	498	506
HISTORY & CULTURE	466	474	467	471	474	472	475	478	480	484	492
FOREIGN LANGUAGES	486	482	476	476	474	476	477	479	486	492	496
STUDIO/PERFORMING ARTS	445	438	433	432	431	432	431	432	432	438	442
COMMUNICATIONS	462	460	450	449	446	446	446	445	447	454	454
BUSINESS	454	453	447	447	446	446	446	445	449	455	454
EDUCATION	434	426	422	420	418	418	418	418	424	431	434
VOCATIONAL FIELDS	443	447	436	436	433	431	430	426	426	431	426
OTHER/MISSING/UNDECIDED	455	454	456	454	449	449	448	449	452	460	468
TOTAL OF NON SCIENCE FIELDS	455	456	454	452	450	450	450	450	453	460	460
TOTAL OF ALL EXAMINEES	472	470	468	467	466	466	467	468	471	475	475

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	565	582	579	577	573	571	571	572	571	575	579
OTHER HEALTH FIELDS	500	513	511	509	508	507	502	498	499	501	497
PRELAW	0	528	530	530	525	524	523	521	522	528	530
HUMANITIES	509	514	514	512	511	514	511	516	517	526	535
HISTORY & CULTURE	477	491	479	482	485	482	485	485	488	493	501
FOREIGN LANGUAGES	512	522	510	522	513	517	511	515	522	529	538
STUDIO/PERFORMING ARTS	474	473	470	468	463	465	463	462	462	469	475
COMMUNICATIONS	484	490	478	478	473	476	476	475	474	481	485
BUSINESS	487	492	484	482	479	480	480	479	481	487	489
EDUCATION	446	447	440	437	431	434	434	429	436	445	454
VOCATIONAL FIELDS	469	487	478	475	470	470	469	466	467	473	462
OTHER/MISSING/UNDECIDED	471	470	472	471	466	466	465	463	464	470	484
TOTAL OF NON SCIENCE FIELDS	480	488	488	486	482	482	482	481	483	488	492
TOTAL OF ALL EXAMINEES	502	507	506	505	502	503	504	504	506	509	512

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	536	542	542	535	535	533	529	532	535	535	536
OTHER HEALTH FIELDS	448	451	450	448	449	445	442	440	445	450	447
PRELAW	0	491	490	485	483	484	481	480	483	485	484
HUMANITIES	467	473	472	475	475	474	478	484	488	492	496
HISTORY & CULTURE	471	473	476	475	478	480	478	484	486	491	495
FOREIGN LANGUAGES	492	487	485	482	480	481	482	485	491	498	500
STUDIO/PERFORMING ARTS	447	442	438	435	435	434	432	433	433	439	440
COMMUNICATIONS	464	463	458	455	452	453	451	448	452	460	458
BUSINESS	441	443	442	442	444	443	443	442	446	452	450
EDUCATION	446	439	436	432	430	428	428	427	433	439	440
VOCATIONAL FIELDS	440	434	424	424	423	419	417	415	416	415	408
OTHER/MISSING/UNDECIDED	453	453	456	453	450	450	449	450	450	456	470
TOTAL OF NON SCIENCE FIELDS	453	453	452	450	449	448	447	448	451	456	458
TOTAL OF ALL EXAMINEES	463	461	460	458	458	458	458	459	462	466	465

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	438	453	448	447	447	453	458	451	456	454	460
OTHER HEALTH FIELDS	371	382	371	383	382	382	382	383	387	387	394
PRELAW	0	383	386	398	394	391	400	401	395	404	405
HUMANITIES	362	355	348	356	358	365	366	373	364	389	396
HISTORY & CULTURE	342	343	336	340	342	343	361	354	342	351	358
FOREIGN LANGUAGES	388	393	379	398	375	407	400	387	405	417	432
STUDIO/PERFORMING ARTS	345	340	336	340	341	343	344	344	349	353	354
COMMUNICATIONS	358	352	347	345	355	351	356	357	359	362	361
BUSINESS	361	366	361	364	364	366	365	369	372	376	378
EDUCATION	326	324	316	320	322	320	320	318	328	330	331
VOCATIONAL FIELDS	349	350	342	350	350	354	355	354	351	361	356
OTHER/MISSING/UNDECIDED	387	389	379	378	375	377	381	384	384	388	397
TOTAL OF NON SCIENCE FIELDS	372	373	363	366	367	369	372	374	376	380	383
TOTAL OF ALL EXAMINEES	380	381	375	378	379	382	386	388	390	394	395

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	406	408	403	400	400	406	406	408	413	419	416
OTHER HEALTH FIELDS	339	337	333	337	340	337	340	337	342	347	345
PRELAW	0	367	363	364	363	366	365	368	373	375	378
HUMANITIES	351	345	346	347	344	358	357	369	376	367	379
HISTORY & CULTURE	347	340	333	342	344	330	347	363	353	346	373
FOREIGN LANGUAGES	391	387	375	381	388	376	395	391	400	408	397
STUDIO/PERFORMING ARTS	335	329	326	327	330	328	333	332	333	340	343
COMMUNICATIONS	357	349	346	350	348	347	348	348	356	358	362
BUSINESS	331	333	329	336	337	338	341	344	349	353	355
EDUCATION	331	321	317	320	321	320	322	323	329	334	339
VOCATIONAL FIELDS	327	317	313	317	323	322	326	328	328	330	327
OTHER/MISSING/UNDECIDED	365	373	366	367	364	361	364	372	371	375	391
TOTAL OF NON SCIENCE FIELDS	351	348	341	344	346	346	350	352	356	361	364
TOTAL OF ALL EXAMINEES	355	351	346	349	352	352	357	360	363	367	368

MEAN SATM OF STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	523	524	518	517	518	520	520	527	532	534	535
OTHER HEALTH FIELDS	437	434	426	431	428	425	426	423	427	432	427
PRELAW	0	455	457	460	459	453	452	451	450	454	463
HUMANITIES	474	470	451	461	460	467	458	473	471	477	497
HISTORY & CULTURE	462	463	449	449	460	447	455	455	457	460	476
FOREIGN LANGUAGES	431	437	424	424	427	437	436	433	442	442	455
STUDIO/PERFORMING ARTS	429	411	408	408	409	411	409	412	415	415	422
COMMUNICATIONS	452	439	426	428	426	424	424	422	426	429	435
BUSINESS	434	427	421	423	425	425	426	423	429	435	438
EDUCATION	412	393	386	389	388	385	389	390	392	403	407
VOCATIONAL FIELDS	424	416	405	405	406	408	407	404	403	405	404
OTHER/MISSING/UNDECIDED	459	450	449	447	443	444	444	445	458	473	459
TOTAL OF NON SCIENCE FIELDS	453	443	437	437	436	437	438	438	449	459	451
TOTAL OF ALL EXAMINEES	465	455	449	451	451	453	454	456	462	469	466

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	109	112	114	115	115	112	113	115	114	113	116
OTHER HEALTH FIELDS	101	108	108	107	107	107	106	106	107	108	109
PRELAW	0	114	113	114	111	111	111	111	112	112	113
HUMANITIES	109	113	112	111	111	111	112	111	114	113	116
HISTORY & CULTURE	108	113	112	112	114	113	115	114	117	117	119
FOREIGN LANGUAGES	103	107	108	107	107	105	107	109	109	108	112
STUDIO/PERFORMING ARTS	105	108	106	106	104	104	104	105	106	106	108
COMMUNICATIONS	105	109	107	106	105	106	104	104	105	106	106
BUSINESS	109	112	110	109	107	107	107	108	109	109	111
EDUCATION	100	102	102	100	98	98	99	99	101	102	104
VOCATIONAL FIELDS	107	116	114	112	110	111	110	111	111	113	110
OTHER/MISSING/UNDECIDED	113	116	116	116	115	116	116	117	118	120	123
TOTAL OF NON SCIENCE FIELDS	110	114	114	113	112	112	112	113	114	115	116
TOTAL OF ALL EXAMINEES	115	119	118	117	117	117	117	118	119	119	121

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	100	99	101	102	101	99	101	102	102	101	101
OTHER HEALTH FIELDS	103	104	105	104	105	105	104	106	105	105	105
PRELAW	0	107	106	106	105	104	104	107	107	106	106
HUMANITIES	112	114	111	114	112	112	111	111	115	112	117
HISTORY & CULTURE	106	111	110	111	112	111	116	113	116	116	117
FOREIGN LANGUAGES	108	113	113	114	114	111	115	113	114	110	116
STUDIO/PERFORMING ARTS	109	110	108	108	107	107	107	108	108	108	111
COMMUNICATIONS	104	107	105	105	103	105	103	105	106	106	108
BUSINESS	104	106	105	105	103	104	104	105	106	106	108
EDUCATION	102	104	103	102	98	100	102	101	104	106	111
VOCATIONAL FIELDS	107	112	111	110	108	108	108	111	110	112	108
OTHER/MISSING/UNDECIDED	112	115	114	114	113	114	115	115	116	117	120
TOTAL OF NON SCIENCE FIELDS	111	114	112	112	111	111	112	113	113	113	115
TOTAL OF ALL EXAMINEES	115	117	116	116	115	114	115	117	117	117	119

STANDARD DEVIATION OF SAIM FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	97	97	97	98	99	97	98	100	101	99	100
OTHER HEALTH FIELDS	93	99	98	97	98	98	97	98	99	99	101
PRELAW	0	100	99	100	98	99	99	100	102	101	102
HUMANITIES	98	102	101	99	100	102	103	103	106	106	107
HISTORY & CULTURE	101	105	103	105	106	104	105	107	110	107	112
FOREIGN LANGUAGES	97	100	100	99	99	97	100	103	101	101	104
STUDIO/PERFORMING ARTS	96	100	97	98	96	97	97	98	99	99	100
COMMUNICATIONS	95	97	96	96	95	95	94	95	96	97	97
BUSINESS	98	102	100	100	99	99	98	100	101	101	103
EDUCATION	95	96	95	95	94	94	95	95	97	97	99
VOCATIONAL FIELDS	95	100	98	97	97	97	96	96	98	98	97
OTHER/MISSING/UNDECIDED	106	111	110	110	109	110	110	112	112	112	117
TOTAL OF NON SCIENCE FIELDS	101	105	103	102	102	102	102	104	105	105	107
TOTAL OF ALL EXAMINEES	104	107	106	105	105	105	105	107	108	108	110

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	95	106	106	107	104	108	106	107	105	110	111
OTHER HEALTH FIELDS	86	96	94	97	95	100	99	101	99	102	98
PRELAW	0	93	95	98	94	99	96	97	97	101	97
HUMANITIES	90	91	91	96	97	97	96	87	96	111	101
HISTORY & CULTURE	75	82	76	78	88	95	90	84	78	96	87
FOREIGN LANGUAGES	90	94	97	107	108	99	101	99	96	102	115
STUDIO/PERFORMING ARTS	79	79	80	81	79	84	80	81	86	88	90
COMMUNICATIONS	82	85	83	80	84	85	86	84	86	85	89
BUSINESS	84	88	92	89	88	91	91	90	93	93	93
EDUCATION	69	68	70	69	69	73	69	69	79	80	76
VOCATIONAL FIELDS	80	84	83	85	81	91	87	86	86	91	87
OTHER/MISSING/UNDECIDED	109	114	114	109	107	110	109	110	111	112	122
TOTAL OF NON SCIENCE FIELDS	98	101	99	97	96	100	99	99	101	102	104
TOTAL OF ALL EXAMINEES	101	103	104	101	100	104	104	104	105	106	108

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	89	96	96	94	93	94	93	96	97	96	96
OTHER HEALTH FIELDS	71	75	76	74	75	77	77	75	78	81	79
PRELAW	0	81	87	85	83	87	82	83	88	87	87
HUMANITIES	80	79	79	84	75	88	85	90	91	94	98
HISTORY & CULTURE	76	74	72	78	73	74	87	92	86	91	101
FOREIGN LANGUAGES	95	89	87	93	90	91	95	90	99	99	103
STUDIO/PERFORMING ARTS	73	72	74	71	72	76	73	75	74	79	78
COMMUNICATIONS	77	78	78	78	75	78	78	75	83	82	83
BUSINESS	71	72	73	73	73	77	76	77	81	81	81
EDUCATION	72	67	69	67	66	67	69	69	76	75	75
VOCATIONAL FIELDS	68	66	64	63	67	71	69	69	70	72	71
OTHER/MISSING/UNDECIDED	98	106	107	106	102	102	103	105	103	103	116
TOTAL OF NON SCIENCE FIELDS	86	87	85	84	83	86	86	87	89	89	92
TOTAL OF ALL EXAMINEES	88	88	87	86	86	88	88	90	92	92	93

STANDARD DEVIATION OF SATM FOR STUDENTS INTENDING TO MAJOR IN NON-SCIENCE FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	116	123	125	124	125	122	125	127	125	124	128
OTHER HEALTH FIELDS	111	116	115	115	112	113	113	114	115	116	116
PRELAW	0	117	118	120	116	115	115	116	114	115	120
HUMANITIES	118	120	120	121	120	120	123	120	121	123	126
HISTORY & CULTURE	117	120	118	117	127	121	120	125	131	125	126
FOREIGN LANGUAGES	112	119	115	113	114	119	117	116	119	119	119
STUDIO/PERFORMING ARTS	107	108	105	107	103	106	107	106	110	109	111
COMMUNICATIONS	110	114	107	106	108	107	106	104	109	110	109
BUSINESS	110	114	113	112	111	111	112	112	113	113	115
EDUCATION	102	99	98	97	96	94	95	96	99	104	105
VOCATIONAL FIELDS	109	114	110	109	109	111	109	109	112	113	111
OTHER/MISSING/UNDECIDED	119	122	122	122	121	120	121	121	125	126	128
TOTAL OF NON SCIENCE FIELDS	118	120	119	119	118	118	119	120	123	124	125
TOTAL OF ALL EXAMINEES	121	124	124	124	123	123	124	125	127	127	129

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR									
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	3.24	3.32	3.31	3.30	3.28	3.29	3.28	3.28	3.26	3.26	
OTHER HEALTH FIELDS	2.81	2.87	2.87	2.87	2.87	2.86	2.84	2.84	2.83	2.84	
PRELAW	0.00	2.88	2.92	2.91	2.91	2.89	2.89	2.88	2.86	2.86	
HUMANITIES	2.66	2.72	2.71	2.72	2.72	2.71	2.70	2.73	2.72	2.72	
HISTORY & CULTURE	2.59	2.67	2.63	2.64	2.63	2.62	2.63	2.63	2.60	2.60	
FOREIGN LANGUAGES	2.90	2.88	2.85	2.84	2.84	2.82	2.84	2.83	2.83	2.84	
STUDIO/PERFORMING ARTS	2.58	2.60	2.58	2.58	2.58	2.55	2.55	2.56	2.55	2.53	
COMMUNICATIONS	2.56	2.61	2.59	2.58	2.57	2.57	2.57	2.56	2.55	2.56	
BUSINESS	2.80	2.83	2.82	2.81	2.81	2.80	2.79	2.79	2.78	2.78	
EDUCATION	2.67	2.69	2.68	2.67	2.65	2.65	2.65	2.66	2.67	2.67	
VOCATIONAL FIELDS	2.68	2.74	2.71	2.70	2.69	2.69	2.70	2.69	2.67	2.67	
OTHER/MISSING/UNDECIDED	2.71	2.76	2.73	2.73	2.73	2.73	2.73	2.74	2.74	2.74	
TOTAL OF NON SCIENCE FIELDS	2.74	2.80	2.79	2.78	2.78	2.77	2.77	2.78	2.77	2.77	
TOTAL OF ALL EXAMINEES	2.83	2.87	2.86	2.85	2.85	2.85	2.86	2.87	2.86	2.85	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	3.27	3.38	3.38	3.36	3.34	3.34	3.35	3.32	3.30	3.31	
OTHER HEALTH FIELDS	2.90	3.00	3.01	3.01	3.01	2.99	2.98	2.94	2.95	2.93	
PRELAW	0.00	2.93	2.96	2.96	2.95	2.93	2.92	2.90	2.88	2.89	
HUMANITIES	2.69	2.73	2.75	2.74	2.72	2.73	2.67	2.72	2.70	2.71	
HISTORY & CULTURE	2.53	2.62	2.57	2.58	2.55	2.55	2.56	2.56	2.51	2.55	
FOREIGN LANGUAGES	2.84	2.81	2.76	2.82	2.83	2.75	2.80	2.84	2.77	2.85	
STUDIO/PERFORMING ARTS	2.52	2.56	2.55	2.55	2.54	2.51	2.51	2.51	2.49	2.48	
COMMUNICATIONS	2.53	2.59	2.57	2.55	2.55	2.54	2.55	2.54	2.51	2.53	
BUSINESS	2.78	2.82	2.80	2.79	2.77	2.76	2.76	2.75	2.75	2.75	
EDUCATION	2.52	2.56	2.56	2.55	2.51	2.52	2.53	2.50	2.53	2.54	
VOCATIONAL FIELDS	2.64	2.78	2.77	2.73	2.73	2.71	2.71	2.71	2.72	2.71	
OTHER/MISSING/UNDECIDED	2.68	2.72	2.69	2.68	2.68	2.68	2.68	2.69	2.69	2.70	
TOTAL OF NON SCIENCE FIELDS	2.72	2.81	2.80	2.78	2.77	2.76	2.76	2.76	2.76	2.76	
TOTAL OF ALL EXAMINEES	2.87	2.91	2.90	2.89	2.88	2.89	2.90	2.90	2.90	2.89	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	3.33	3.39	3.38	3.38	3.36	3.36	3.34	3.34	3.32	3.31	
OTHER HEALTH FIELDS	2.83	2.90	2.90	2.89	2.90	2.88	2.86	2.87	2.86	2.87	
PRELAW	0.00	3.00	3.02	3.00	3.00	3.00	2.98	2.97	2.96	2.95	
HUMANITIES	2.69	2.78	2.75	2.77	2.77	2.75	2.76	2.78	2.78	2.77	
HISTORY & CULTURE	2.76	2.80	2.80	2.81	2.84	2.80	2.80	2.79	2.84	2.74	
FOREIGN LANGUAGES	2.96	2.95	2.92	2.90	2.89	2.88	2.90	2.87	2.90	2.88	
STUDIO/PERFORMING ARTS	2.66	2.68	2.66	2.65	2.65	2.62	2.62	2.62	2.62	2.60	
COMMUNICATIONS	2.71	2.74	2.73	2.72	2.70	2.70	2.69	2.67	2.66	2.67	
BUSINESS	2.90	2.94	2.93	2.93	2.92	2.91	2.89	2.89	2.88	2.88	
EDUCATION	2.78	2.78	2.77	2.76	2.73	2.73	2.72	2.74	2.75	2.74	
VOCATIONAL FIELDS	2.77	2.79	2.74	2.76	2.75	2.76	2.77	2.76	2.73	2.70	
OTHER/MISSING/UNDECIDED	2.80	2.89	2.85	2.86	2.85	2.84	2.84	2.85	2.84	2.84	
TOTAL OF NON SCIENCE FIELDS	2.81	2.87	2.86	2.85	2.85	2.84	2.84	2.84	2.84	2.83	
TOTAL OF ALL EXAMINEES	2.87	2.91	2.89	2.89	2.89	2.89	2.90	2.90	2.90	2.88	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR									
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	2.80	2.93	2.90	2.93	2.89	2.93	2.90	2.94	2.83	2.83	
OTHER HEALTH FIELDS	2.50	2.54	2.53	2.57	2.55	2.52	2.54	2.51	2.52	2.52	
PRELAW	0.00	2.41	2.47	2.46	2.48	2.42	2.45	2.44	2.43	2.43	
HUMANITIES	2.19	2.23	2.25	2.24	2.28	2.21	2.28	2.32	2.24	2.17	
HISTORY & CULTURE	2.13	2.13	2.23	2.30	2.11	2.27	2.24	2.18	2.00	2.23	
FOREIGN LANGUAGES	2.45	2.33	2.16	2.48	2.70	2.39	2.40	2.46	2.03	2.43	
STUDIO/PERFORMING ARTS	2.21	2.27	2.28	2.25	2.27	2.23	2.23	2.30	2.25	2.22	
COMMUNICATIONS	2.09	2.13	2.18	2.12	2.18	2.18	2.18	2.19	2.15	2.17	
BUSINESS	2.46	2.52	2.52	2.48	2.46	2.48	2.47	2.47	2.45	2.42	
EDUCATION	2.22	2.30	2.30	2.31	2.28	2.32	2.28	2.31	2.30	2.28	
VOCATIONAL FIELDS	2.43	2.51	2.48	2.48	2.43	2.46	2.46	2.45	2.42	2.45	
OTHER/MISSING/UNDECIDED	2.34	2.38	2.38	2.37	2.38	2.39	2.42	2.43	2.40	2.41	
TOTAL OF NON SCIENCE FIELDS	2.36	2.43	2.43	2.42	2.42	2.43	2.43	2.44	2.42	2.41	
TOTAL OF ALL EXAMINEES	2.44	2.51	2.51	2.51	2.51	2.52	2.54	2.56	2.53	2.52	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR									
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	2.82	2.86	2.82	2.82	2.81	2.83	2.78	2.82	2.81	2.82	
OTHER HEALTH FIELDS	2.46	2.51	2.52	2.51	2.49	2.51	2.47	2.47	2.46	2.48	
PRELAW	0.00	2.52	2.48	2.50	2.47	2.49	2.45	2.48	2.47	2.52	
HUMANITIES	2.25	2.30	2.30	2.29	2.29	2.31	2.38	2.31	2.26	2.24	
HISTORY & CULTURE	2.32	2.39	2.26	2.34	2.24	2.38	2.29	2.35	2.36	2.16	
FOREIGN LANGUAGES	2.53	2.47	2.33	2.37	2.32	2.34	2.35	2.49	2.37	2.45	
STUDIO/PERFORMING ARTS	2.27	2.32	2.31	2.33	2.28	2.27	2.30	2.28	2.24	2.30	
COMMUNICATIONS	2.24	2.28	2.31	2.29	2.28	2.27	2.29	2.28	2.29	2.24	
BUSINESS	2.60	2.62	2.62	2.58	2.57	2.54	2.53	2.54	2.50	2.50	
EDUCATION	2.35	2.42	2.40	2.39	2.35	2.37	2.37	2.35	2.33	2.35	
VOCATIONAL FIELDS	2.47	2.47	2.47	2.46	2.49	2.48	2.50	2.48	2.43	2.47	
OTHER/MISSING/UNDECIDED	2.39	2.45	2.43	2.43	2.44	2.41	2.48	2.44	2.44	2.42	
TOTAL OF NON SCIENCE FIELDS	2.45	2.50	2.50	2.50	2.48	2.48	2.48	2.49	2.46	2.48	
TOTAL OF ALL EXAMINEES	2.49	2.52	2.53	2.52	2.51	2.52	2.53	2.54	2.53	2.53	

MEAN GRADE IN MATHEMATICS (0.0 - 4.0 SCALE) OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	3.21	3.28	3.28	3.26	3.28	3.29	3.28	3.30	3.29	3.30	
OTHER HEALTH FIELDS	2.78	2.80	2.80	2.83	2.82	2.83	2.83	2.82	2.82	2.84	
PRELAW	0.00	2.67	2.76	2.79	2.79	2.75	2.75	2.74	2.72	2.75	
HUMANITIES	2.61	2.64	2.61	2.62	2.62	2.63	2.63	2.65	2.64	2.64	
HISTORY & CULTURE	2.53	2.64	2.51	2.53	2.57	2.52	2.56	2.59	2.55	2.54	
FOREIGN LANGUAGES	2.67	2.68	2.65	2.63	2.72	2.72	2.69	2.70	2.64	2.73	
STUDIO/PERFORMING ARTS	2.52	2.48	2.49	2.49	2.51	2.47	2.49	2.51	2.52	2.50	
COMMUNICATIONS	2.49	2.52	2.47	2.47	2.51	2.49	2.49	2.49	2.48	2.50	
BUSINESS	2.71	2.74	2.73	2.74	2.73	2.71	2.73	2.73	2.73	2.75	
EDUCATION	2.54	2.54	2.52	2.52	2.54	2.52	2.51	2.55	2.57	2.59	
VOCATIONAL FIELDS	2.64	2.62	2.59	2.60	2.63	2.63	2.66	2.66	2.63	2.63	
OTHER/MISSING/UNDECIDED	2.69	2.67	2.68	2.67	2.68	2.70	2.69	2.73	2.72	2.73	
TOTAL OF NON SCIENCE FIELDS	2.71	2.72	2.71	2.72	2.73	2.73	2.74	2.76	2.76	2.77	
TOTAL OF ALL EXAMINEES	2.80	2.80	2.79	2.81	2.82	2.83	2.85	2.88	2.87	2.88	

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	84	84	84	84	84	83	83	83	82	82	83
OTHER HEALTH FIELDS	74	74	73	73	73	72	72	72	71	71	72
PRELAW	0	78	78	77	77	77	76	76	75	75	75
HUMANITIES	76	76	75	76	75	75	75	75	75	75	75
HISTORY & CULTURE	74	74	73	72	73	72	72	72	72	71	72
FOREIGN LANGUAGES	81	79	78	78	77	77	77	77	77	77	77
STUDIO/PERFORMING ARTS	72	70	69	68	68	68	67	67	66	66	67
COMMUNICATIONS	74	72	72	71	71	70	70	70	69	69	70
BUSINESS	71	70	69	69	69	69	68	68	68	68	68
EDUCATION	71	69	69	68	67	67	67	67	67	67	69
VOCATIONAL FIELDS	69	68	67	67	67	66	66	66	65	65	64
OTHER/MISSING/UNDECIDED	72	70	69	69	69	69	68	68	68	68	68
TOTAL OF NON SCIENCE FIELDS	73	72	71	71	71	70	70	70	70	70	70
TOTAL OF ALL EXAMINEES	75	73	73	72	72	72	72	72	72	71	72

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	84	85	85	85	84	84	84	83	83	83	84
OTHER HEALTH FIELDS	76	76	76	76	76	75	75	74	73	73	73
PRELAW	0	78	78	78	77	77	76	76	75	75	76
HUMANITIES	75	75	75	75	74	74	73	74	73	73	74
HISTORY & CULTURE	72	72	71	70	71	70	70	70	69	69	71
FOREIGN LANGUAGES	79	77	77	77	78	76	76	76	76	76	77
STUDIO/PERFORMING ARTS	70	69	68	68	67	67	66	66	65	65	65
COMMUNICATIONS	71	70	69	69	69	68	68	68	67	67	67
BUSINESS	70	69	68	68	68	67	67	67	66	66	67
EDUCATION	67	65	65	64	63	63	63	63	63	63	65
VOCATIONAL FIELDS	67	69	68	67	67	67	66	66	66	66	65
OTHER/MISSING/UNDECIDED	71	69	68	67	67	67	67	67	67	67	66
TOTAL OF NON SCIENCE FIELDS	72	72	71	70	70	70	69	69	69	69	69
TOTAL OF ALL EXAMINEES	74	73	73	72	72	72	72	72	72	71	71

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	86	86	86	86	86	85	85	85	85	84	85
OTHER HEALTH FIELDS	74	74	74	73	73	73	72	72	72	72	73
PRELAW	0	80	80	79	79	79	78	78	77	77	77
HUMANITIES	77	77	77	77	77	76	77	77	77	76	77
HISTORY & CULTURE	78	78	78	77	77	77	76	77	77	76	77
FOREIGN LANGUAGES	82	81	80	79	79	79	79	79	78	78	78
STUDIO/PERFORMING ARTS	73	72	71	70	70	69	69	69	68	67	68
COMMUNICATIONS	78	77	76	75	74	74	73	73	72	72	73
BUSINESS	73	72	72	72	71	71	71	71	70	70	70
EDUCATION	73	72	71	70	70	69	69	69	69	69	70
VOCATIONAL FIELDS	71	70	68	68	68	67	67	67	66	65	65
OTHER/MISSING/UNDECIDED	75	74	73	73	72	72	72	72	71	71	71
TOTAL OF NON SCIENCE FIELDS	75	74	73	73	73	72	72	72	72	71	72
TOTAL OF ALL EXAMINEES	76	75	74	74	74	73	73	73	73	73	73

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	77	77	77	77	78	77	77	77	75	74	75
OTHER HEALTH FIELDS	70	69	69	68	69	68	68	68	67	67	66
PRELAW	0	70	69	70	69	69	68	69	67	67	67
HUMANITIES	69	65	65	64	65	64	66	65	67	65	66
HISTORY & CULTURE	67	64	61	63	63	66	63	63	57	62	60
FOREIGN LANGUAGES	72	71	70	73	69	66	66	69	62	73	67
STUDIO/PERFORMING ARTS	66	63	63	63	62	62	61	62	61	61	61
COMMUNICATIONS	66	63	62	60	62	61	62	61	60	61	59
BUSINESS	68	65	65	64	63	63	63	63	63	62	63
EDUCATION	63	59	58	59	59	59	59	58	59	56	59
VOCATIONAL FIELDS	66	63	63	63	63	62	63	63	61	62	61
OTHER/MISSING/UNDECIDED	68	64	61	62	61	61	63	62	61	61	60
TOTAL OF NON SCIENCE FIELDS	67	65	64	64	64	64	64	64	63	63	63
TOTAL OF ALL EXAMINEES	69	67	66	66	66	66	66	66	66	65	65

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	79	76	75	75	75	76	75	75	74	75	76
OTHER HEALTH FIELDS	69	67	66	67	66	66	66	65	65	65	66
PRELAW	0	72	70	70	70	69	69	69	68	68	69
HUMANITIES	70	70	69	68	68	68	68	68	68	68	69
HISTORY & CULTURE	71	67	63	66	65	68	66	70	68	65	63
FOREIGN LANGUAGES	73	72	72	70	71	71	69	72	70	71	69
STUDIO/PERFORMING ARTS	67	64	63	63	63	63	62	62	61	62	62
COMMUNICATIONS	71	69	69	67	66	66	67	66	65	65	67
BUSINESS	69	66	66	65	65	65	65	65	64	65	65
EDUCATION	66	63	63	62	62	61	61	61	61	62	63
VOCATIONAL FIELDS	65	63	62	62	63	62	62	62	62	61	63
OTHER/MISSING/UNDECIDED	68	65	64	65	64	64	64	65	63	64	64
TOTAL OF NON SCIENCE FIELDS	69	67	66	66	66	66	65	66	65	65	66
TOTAL OF ALL EXAMINEES	70	67	67	67	67	66	67	67	66	66	67

MEAN RANK IN CLASS OF STUDENTS INTENDING TO MAJOR IN MATH SCIENCE AND ENGINEERING FIELDS

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	84	83	83	83	83	82	82	83	82	82	83
OTHER HEALTH FIELDS	74	72	72	72	71	71	71	71	71	71	71
PRELAW	0	75	75	75	75	74	74	74	72	72	74
HUMANITIES	76	75	73	74	73	73	72	73	72	73	75
HISTORY & CULTURE	75	72	70	71	73	71	71	68	69	71	72
FOREIGN LANGUAGES	75	74	72	72	72	72	72	71	71	72	73
STUDIO/PERFORMING ARTS	71	68	67	66	66	66	65	65	66	64	65
COMMUNICATIONS	73	72	70	70	69	69	69	69	69	68	69
BUSINESS	71	69	68	68	68	68	68	67	67	67	69
EDUCATION	69	67	66	65	65	65	64	65	65	65	67
VOCATIONAL FIELDS	68	66	65	65	65	65	65	65	64	64	64
OTHER/MISSING/UNDECIDED	72	68	67	67	67	67	66	67	67	67	68
TOTAL OF NON SCIENCE FIELDS	73	71	70	70	70	69	69	69	69	69	70
TOTAL OF ALL EXAMINEES	74	72	71	71	71	71	71	72	71	71	72

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN NON-SCIENCE WHO PLAN TO RECEIVE A GRADUATE DEGREE

(ALL STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	99	98	98	98	98	98	98	98	98	98	98
OTHER HEALTH FIELDS	40	47	49	52	54	54	53	53	54	58	59
PRELAW	0	87	87	87	87	86	87	86	85	86	85
HUMANITIES	55	59	58	58	60	60	61	62	63	63	65
HISTORY & CULTURE	57	61	59	58	60	60	61	62	60	62	63
FOREIGN LANGUAGES	56	57	56	56	58	60	61	61	61	62	61
STUDIO/PERFORMING ARTS	40	39	38	37	38	38	38	37	37	37	37
COMMUNICATIONS	44	45	44	45	44	45	45	44	45	46	45
BUSINESS	35	36	36	37	39	40	41	41	42	43	43
EDUCATION	46	43	43	43	43	43	42	42	42	43	44
VOCATIONAL FIELDS	25	29	29	29	29	30	29	29	30	31	27
OTHER/MISSING/UNDECIDED	49	43	41	41	43	43	44	44	45	46	45
TOTAL OF NON SCIENCE FIELDS	46	49	49	49	50	50	50	51	52	52	51
TOTAL OF ALL EXAMINEES	53	53	52	52	53	54	54	54	55	56	55

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN NON-SCIENCE WHO PLAN TO RECEIVE A GRADUATE DEGREE

(WHITE MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	99	99	99	99	99	99	98	99	98	98	98
OTHER HEALTH FIELDS	79	82	83	82	84	83	82	81	79	79	78
PRELAW	0	89	89	88	88	88	88	87	87	88	86
HUMANITIES	64	65	65	65	67	65	66	65	65	66	67
HISTORY & CULTURE	57	61	59	58	59	58	59	60	58	61	60
FOREIGN LANGUAGES	69	69	70	67	70	70	69	70	69	70	68
STUDIO/PERFORMING ARTS	49	48	45	44	43	43	42	41	42	41	39
COMMUNICATIONS	41	41	40	40	40	40	40	39	39	41	40
BUSINESS	41	42	41	42	43	44	45	45	46	46	45
EDUCATION	45	42	40	39	38	38	37	38	39	40	42
VOCATIONAL FIELDS	25	33	31	31	30	31	31	31	32	32	26
OTHER/MISSING/UNDECIDED	51	43	40	39	41	41	42	42	42	44	42
TOTAL OF NON SCIENCE FIELDS	53	56	55	54	54	54	54	54	55	55	52
TOTAL OF ALL EXAMINEES	59	58	56	56	56	56	56	55	56	56	55

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN NON-SCIENCE WHO PLAN TO RECEIVE A GRADUATE DEGREE

(WHITE FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	98	98	97	97	98	98	98	98	98	98	98
OTHER HEALTH FIELDS	27	34	37	39	42	43	43	43	45	49	50
PRELAW	0	84	85	84	85	85	86	86	85	84	84
HUMANITIES	48	53	53	53	55	57	58	59	62	61	63
HISTORY & CULTURE	55	60	59	59	62	64	63	65	65	66	67
FOREIGN LANGUAGES	53	53	53	53	55	57	59	59	60	61	61
STUDIO/PERFORMING ARTS	34	34	33	33	33	34	34	34	34	34	34
COMMUNICATIONS	43	44	43	44	43	44	43	45	45	47	45
BUSINESS	20	24	25	28	31	33	34	35	36	37	37
EDUCATION	44	43	43	44	43	43	43	41	43	43	44
VOCATIONAL FIELDS	20	22	22	22	22	23	22	23	24	24	22
OTHER/MISSING/UNDECIDED	44	39	38	38	40	42	42	43	45	45	46
TOTAL OF NON SCIENCE FIELDS	38	40	41	42	43	44	45	45	47	48	48
TOTAL OF ALL EXAMINEES	44	45	45	46	47	48	49	49	51	52	52

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN NON-SCIENCE WHO PLAN TO RECEIVE A GRADUATE DEGREE

(BLACK MALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	99	98	98	99	99	98	98	98	98	97	97
OTHER HEALTH FIELDS	76	76	77	78	80	78	75	74	75	75	74
PRELAW	0	83	86	85	87	86	84	83	82	82	84
HUMANITIES	67	64	56	63	64	60	57	57	63	65	63
HISTORY & CULTURE	53	54	40	44	46	46	54	49	44	41	50
FOREIGN LANGUAGES	67	79	73	73	66	80	70	64	50	72	60
STUDIO/PERFORMING ARTS	50	49	47	47	46	46	43	41	40	42	38
COMMUNICATIONS	48	47	43	44	45	46	49	43	40	41	39
BUSINESS	51	51	51	51	51	50	49	49	48	46	44
EDUCATION	40	40	37	36	35	36	34	33	32	37	34
VOCATIONAL FIELDS	30	32	33	35	33	35	34	34	34	33	29
OTHER/MISSING/UNDECIDED	60	45	44	45	45	47	47	46	43	48	39
TOTAL OF NON SCIENCE FIELDS	56	56	55	55	55	55	54	53	53	53	48
TOTAL OF ALL EXAMINEES	59	58	57	57	57	57	56	55	55	55	51

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN NON-SCIENCE WHO PLAN TO RECEIVE A GRADUATE DEGREE

(BLACK FEMALES)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	98	99	98	98	98	98	98	98	98	98	98
OTHER HEALTH FIELDS	53	56	57	58	60	61	59	56	58	60	59
PRELAW	0	88	87	88	86	87	85	86	84	84	84
HUMANITIES	65	70	66	71	69	71	64	66	66	68	66
HISTORY & CULTURE	66	70	59	62	73	58	75	68	64	66	59
FOREIGN LANGUAGES	73	74	66	66	73	73	69	75	72	64	61
STUDIO/PERFORMING ARTS	50	47	49	46	48	49	46	45	42	44	40
COMMUNICATIONS	67	65	69	66	62	62	63	61	60	58	57
BUSINESS	42	45	46	47	48	50	50	47	46	48	48
EDUCATION	60	56	55	54	54	55	53	52	50	50	50
VOCATIONAL FIELDS	40	33	37	37	37	39	40	36	36	36	35
OTHER/MISSING/UNDECIDED	63	55	58	58	56	57	58	57	57	55	55
TOTAL OF NON SCIENCE FIELDS	57	57	59	59	59	60	60	58	58	59	58
TOTAL OF ALL EXAMINEES	62	61	62	62	62	63	62	61	61	61	60

PERCENT OF STUDENTS WHO INTEND TO MAJOR IN NON-SCIENCE WHO PLAN TO RECEIVE A GRADUATE DEGREE

(OTHER STUDENTS)

INTENDED MAJOR FIELD	TEST YEAR										
	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
PRE-MEDICINE	98	98	99	98	98	98	98	98	98	98	98
OTHER HEALTH FIELDS	57	59	59	64	65	65	65	65	66	68	66
PRELAW	0	86	86	88	86	86	86	84	84	85	86
HUMANITIES	68	67	66	64	66	64	62	68	65	66	66
HISTORY & CULTURE	65	68	66	60	67	61	67	68	67	63	69
FOREIGN LANGUAGES	60	58	53	60	59	56	59	57	58	59	57
STUDIO/PERFORMING ARTS	47	41	41	41	40	42	41	41	40	41	41
COMMUNICATIONS	52	52	48	52	52	50	51	51	52	51	53
BUSINESS	43	42	42	43	45	46	46	48	48	49	50
EDUCATION	53	47	46	47	48	45	46	46	46	47	48
VOCATIONAL FIELDS	33	33	33	35	34	35	34	34	35	36	32
OTHER/MISSING/UNDECIDED	59	51	49	49	51	51	50	51	54	55	51
TOTAL OF NON SCIENCE FIELDS	58	56	55	57	57	58	58	59	60	61	59
TOTAL OF ALL EXAMINEES	64	60	59	60	61	61	61	61	62	63	62